

[ ] [ ] [ ] [ ] [ ] [ ]

- L1: (20937) voice near3 recogni\$
- L2: (2475) (voice near3 recogni\$) near3 (data or information)
- L4: (0) (((voice near3 recogni\$) near3 (data or information)) near3 transfer\$) near5 human
- L5: (14) (((voice near3 recogni\$) near3 (data or information)) near3 transfer\$) and human
- L3: (49) ((voice near3 recogni\$) near3 (data or information)) near3 transfer\$
- L6: (1470) help near3 desk
- L7: (210) 1 and 6
- L8: (129) ((data or information) near3 transfer\$) and 7
- L9: (2035) animat\$ near3 character
- L10: (186) 1 and 9
- L11: (11893) interactive and (video near3 display)
- L12: (46) 10 and 11
- L13: (4) 12 and 6
- L14: (6) 12 and seamless
- L15: (35) 12 and (problem or trouble or help)

• Failed

	U	I	Document ID	Issue Date	Pages	Title	Current CR	Current Tref	Retrieval
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6405278 B1	20020611	10	Method for enabling flash memory storage products for	711/103	710/301; 710/305	
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6448965 B1	20020910	4	Voice-controlled immersive virtual reality system	345/419		
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6694367 B1	20040217	17	Communication connectivity initialization and	709/227	707/10; 707/104.1;	
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5117460 A	19920526	9	Voice controlled pager and programming techniques	704/275	340/7.39; 367/198;	
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6543052 B1	20030401	14	Internet shopping system utilizing set top box and	725/60	348/734; 725/110;	
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6879956 B1	20050412	76	Communication apparatus, communication method and	704/275	704/270; 704/276	
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20020065662/20020530 A1		12	Voice recognition peripheral device	704/275		
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6209625 B1	20010327	11	Integrated video system	709/217	725/106; 725/110	
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6330499 B1	20011211	12	System and method for vehicle diagnostics and	701/33	701/32	
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6438545 B1	20020820	64	Semantic user interface	707/6	707/1; 707/10;	
11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6611822 B1	20030826	151	System method and article of manufacture for creating	706/11	709/205; 719/320	
12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5682469 A	19971028	29	Software platform having a real world interface with	345/473	715/706	
13	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5689618 A	19971118	66	Advanced tools for speech synchronized animation	704/276	345/473; 345/502;	
14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6067095 A	20000523	24	Method for generating mouth features of an animated or	345/473	345/474; 345/672;	

[ ] [ ] [ ] [ ] [ ] [ ]

Ready

NOM

Text Search  
11/9/05

EAST - [Untitled1] [Close]

File View Edit Tools Options Help

Drafts  
 Pending  
 Active  
 L1: (20937) voice near3 recogni\$  
 L2: (2475) (voice near3 recogni\$) near3 (data or information)  
 L4: (0) (((voice near3 recogni\$) near3 (data or information)) near3 transfer\$) near5 human  
 L5: (14) (((voice near3 recogni\$) near3 (data or information)) near3 transfer\$) and human  
 L3: (49) ((voice near3 recogni\$) near3 (data or information)) near3 transfer\$  
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 Favorites  
 flagged (7)  
 UDC  
 Queue  
 Trash

Home Back Forward Stop Refresh

U	Document ID	Issue Date	Pages	Title	Current OA	Current Ref	Retrieval
1	<input type="checkbox"/> US 6405278 B1 20020611	10	Method for enabling flash memory storage products for	711/103	710/301; 710/305		
2	<input type="checkbox"/> <input checked="" type="checkbox"/> US 6448965 B1 20020910	4	Voice-controlled immersive virtual reality system	345/419			
3	<input type="checkbox"/> <input checked="" type="checkbox"/> US 6694367 B1 20040217	17	Communication connectivity initialization and	709/227	707/10; 707/104.1.		
4	<input type="checkbox"/> <input checked="" type="checkbox"/> US 5117460 A 19920526	9	Voice controlled pager and programming techniques	704/275	340/7.39; 367/198;		
5	<input type="checkbox"/> <input checked="" type="checkbox"/> US 6543052 B1 20030401	14	Internet shopping system utilizing set top box and	725/60	348/734; 725/110;		
6	<input type="checkbox"/> <input checked="" type="checkbox"/> US 6879958 B1 20050412	76	Communication apparatus, communication method and	704/275	704/270; 704/276		
7	<input type="checkbox"/> <input checked="" type="checkbox"/> US 20020065662 A1 20020530	12	Voice recognition peripheral device	704/275			

41

Help C3 Docs HTML

Ready

Pending Active

- L1: (20937) voice near3 recogni\$
- L2: (2475) (voice near3 recogni\$) near3 (data or information)
- L4: (0) (((voice near3 recogni\$) near3 (data or information)) near3 transfer\$) near5 human
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- L10: (186) 1 and 9
- L11: (11893) interactive and (video near3 display)
- L12: (46) 10 and 11
- L13: (4) 12 and 6
- L14: (6) 12 and seamless
- L15: (35) 12 and (problem or trouble or help)
- L16: (0) (help near3 desk) near6 seamless
- L17: (314) (help near3 desk) and seamless
- L18: (3) (help near3 desk) same seamless
- L19: (121) (help near3 desk) same transaction
- L21: (0) 1 same 19
- L20: (43) 1 and 19
- L22: (6) (help near6 seamless) and 1
- L23: (8) (help with seamless) and 1
- L24: (2) 23 not 22
- L25: (14) (help same seamless) and 1
- L26: (6) 24 not 13

 Failed

- ((data or information) near3 transfer\$) near3 7

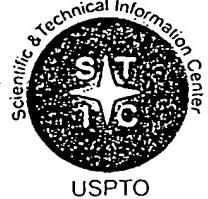
 Saved Favorites Tagged (14) UDC Queue Trash

25  
no  
5  
25

		Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieves
1	<input type="checkbox"/>	US 20050004838	20050106	1251	Internet-based brand management and marketing	705/14		
	<input type="checkbox"/>	A1						
2	<input type="checkbox"/>	US 20030028513	20030206	10	System and method for providing help services	707/1		
	<input type="checkbox"/>	A1						
3	<input type="checkbox"/>	US 20020151283	20021017	21	Coordinating images displayed on devices with	455/575.1	455/566	
	<input type="checkbox"/>	A1						
4	<input type="checkbox"/>	US 20010056434	20011227	32	Systems, methods and computer program products	707/104.1	709/219	
	<input type="checkbox"/>	A1						
5		US 6670717	20040113	12	Method, product and	708/203	708/212	
6		US 6670717	20040113	12	Method, product and	708/203	708/212	

PDF  HTML

Ready



# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact the EIC searcher or cc

Karen Lehman, EIC 3600 Team Leader  
306-5783, PK5- Suite 804

11/9/05

## Voluntary Results Feedback Form

- > I am an examiner in Workgroup:  Example: 3620 (optional)
- > Relevant prior art **found**, search results used as follows:
- 102 rejection
  - 103 rejection
  - Cited as being of interest
  - Helped examiner better understand the invention
  - Helped examiner better understand the state of the art in their technology

*Types of relevant prior art found:*

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

> Relevant prior art **not found**:

- Results verified the lack of relevant prior art (helped determine patentability)
- Results were not useful in determining patentability or understanding the invention

Comments:

Drop off or send completed forms to EIC 3600 PK5 Suite 804



US-PAT-NO: 6448965

DOCUMENT-IDENTIFIER: US 6448965 B1

TITLE: Voice-controlled immersive virtual reality system

----- KWIC -----

US Patent No. - PN (1):

6448965

Detailed Description Text - DETX (2):

As explained above, an aspect of the invention is the integration of voice communication (input, recognition, data transfer, output) with the three-dimensional display to create a dynamic and interactive environment. In achieving this result, three independent modules can be used: a visual display or visualization module (described above); a voice recognition module, and a communication module which couples and facilitates integration of the visualization and voice recognition means, e.g., by transferring voice input from the voice recognition module to the display module. The visual display or visualization module is comprised of computing and processing means, synchronization signal generator means, viewer and signal emitter means, and projector and display means, each which are described above.

Detailed Description Text - DETX (8):

Once a voice command is inputted into the voice recognition module, translated into a data string, it can be transferred to the visualization software, which can receive the input and respond appropriately. The system can be designed to recognize specific commands (voice mandamus). Transfer of the information can be achieved in various ways including, TCP/IP, PVM, or internally when the voice and visualization display modules are operating on the same processor.

US-PAT-NO: 6694367

DOCUMENT-IDENTIFIER: US 6694367 B1

\*\*See image for Certificate of Correction\*\*

TITLE: Communication connectivity initialization and verification system and method of use

----- KWIC -----

US Patent No. - PN (1):

6694367

Detailed Description Text - DETX (23):

The communication link can include a network of interconnected server nodes, and the subscribing station computer includes a browser program to connect the subscriber station to the network of interconnected server nodes to transfer data from the subscribing stations to the on-line center. The communications link can also include a telephone, telephone network, and an interactive voice recognition server to transfer data between the subscribing station and the on-line center, and can be done remotely from the on-line center or the subscribing station. As previously described, the subscribing station can include a server and the network system can include a number of medical image scanners connected to the server to relay data to and from the on-line center. In one embodiment, the server is a workstation of a medical image scanner arranged to perform both the function of a server and the function of a scanner. If the in-field product is configured to initiate a return call to the on-line center, the configuration file causes the in-field product to make a call back within a predetermined time period after the link to the communication interface is severed.

Claims Text - CLTX (6):

6. The system of claim 1 wherein the communications link comprises a telephone, telephone network, and an interactive voice recognition server to transfer data between the subscribing station and the on-line center.

US-PAT-NO: 6405278

DOCUMENT-IDENTIFIER: US 6405278 B1

TITLE: Method for enabling flash memory storage products for wireless communication

----- KWIC -----

US Patent No. - PN (1):

6405278

Detailed Description Text - DETX (12):

As the previous examples illustrate, a user can initiate a transmission (or "transfer") of data from FLERF card 202 to a storage device 302 via RF 250 in a preferred embodiment. The FLERF card 202 can be implemented in a variety of different ways to allow a user to initiate such data transfer. For example, in one implementation of FLERF card 202 a microswitch 212 is provided on the outside edge of FLERF card 202, which a user can depress without being required to remove the card from host device 100. Alternatively, host device 100 can include a mechanism, such as a button, that allows a user to initiate such a data transfer. Although, at least initially, it is preferable to have a mechanism for initiating a data transfer located on the FLERF card 202 to allow compatibility of the FLERF card 202 with existing host devices 100. In another implementation, FLERF card 202 automatically initiates an attempt to transfer to the storage device when full. In yet another implementation, FLERF card 202 senses when the "flash door" is opened, either optically or mechanically, and initiates a data transfer. In still another implementation, FLERF card 202 comprises a sound sensor or sound recognition device, such that the FLERF card initiates a data transfer upon recognizing a particular sound, such as a voice command, snap of a finger or other sound. It should be understood that the FLERF card 202 may be implemented to initiate such data transfer in a variety of ways, and any such implementation is intended to be within the scope of the present invention.

US-PAT-NO: 6405278

DOCUMENT-IDENTIFIER: US 6405278 B1

TITLE: Method for enabling flash memory storage products for wireless communication

----- KWIC -----

Detailed Description Text - DETX (12):

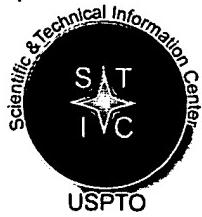
As the previous examples illustrate, a user can initiate a transmission (or "transfer") of data from FLERF card 202 to a storage device 302 via RF 250 in a preferred embodiment. The FLERF card 202 can be implemented in a variety of different ways to allow a user to initiate such data transfer. For example, in one implementation of FLERF card 202 a microswitch 212 is provided on the outside edge of FLERF card 202, which a user can depress without being required to remove the card from host device 100. Alternatively, host device 100 can include a mechanism, such as a button, that allows a user to initiate such a data transfer. Although, at least initially, it is preferable to have a mechanism for initiating a data transfer located on the FLERF card 202 to allow compatibility of the FLERF card 202 with existing host devices 100. In another implementation, FLERF card 202 automatically initiates an attempt to transfer to the storage device when full. In yet another implementation, FLERF card 202 senses when the "flash door" is opened, either optically or mechanically, and initiates a data transfer. In still another implementation, FLERF card 202 comprises a sound sensor or sound recognition device, such that the FLERF card initiates a data transfer upon recognizing a particular sound, such as a voice command, snap of a finger or other sound. It should be understood that the FLERF card 202 may be implemented to initiate such data transfer in a variety of ways, and any such implementation is intended to be within the scope of the present invention.

Detailed Description Text - DETX (30):

It should be further understood that in a preferred embodiment, data may be transferred from one FLERF to another FLERF transfer, or from one extended storage device to another extended storage device. For example, suppose a preferred embodiment of a FLERF card is utilized within a camera by person X to take pictures. Further suppose that another person (Y) desires to have some or all of the pictures that person X has taken. The image data may be transmitted from the FLERF in person X's camera to a FLERF or other storage device owned by person Y. Accordingly, person Y would not have to wait until the pictures get "developed" and sent. Rather, person Y may receive them almost instantaneously. In one embodiment a "broadcast mode" may even allow the FLERF card to transmit such image data from one FLERF to multiple extended storage devices, such as other FLERF cards. For example, one photograph may be taken of a group and transferred to all members of the group so that they all get the same photograph. In a preferred embodiment, data can be transmitted directly

from one FLERF card to another FLERF card. However, in alternative embodiments, a user may have to complete a FLERF/FLERF transfer by transmitting data through other storage devices that include the needed human interface features to enable such transfer.





# STIC Search Report

EIC 3600

STIC Database Tracking Number: 171193

**TO:** Michael Cuff  
**Location:** 5D29  
**Art Unit :** 3627

**From:** Bode Akintola  
**Location:** EIC 3600  
**KNX 4 B 59**  
**Phone:** 571-272-3514

**Case Serial Number:** 09/657719

**Olabode.akintola@uspto.gov**

## Search Notes

Examiner Michael,

Please find enclosed the results of your search request.

If you need a refocus, please feel free to contact me.

Thanks,

Bode

Set	Items	Description
S1	152043	AI OR ARTIFICIAL() INTELLIGEN?
S2	1863021	POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR CHECK() OUT?
S3	6241215	HUMAN?
S4	9532081	VERBAL? OR SPEAK? OR TALK?
S5	60645	S3(3N) (INTERACT? OR INTERVEN?)
S6	484	S2(S)S5
S7	4	S6(S)S1
S8	11513	S1(S)S3
S9	45	S8(S)S2
S10	47	S7 OR S9
S11	21	S10 NOT PY>2000
S12	18	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2005/Nov 15 (c) 2005 The Gale Group
File	15:ABI/Inform(R)	1971-2005/Nov 16 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Nov 16 (c) 2005 The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2005/Nov 16 (c) 2005 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2005/Nov 15 (c) 2005 The Gale Group
File	621:Gale Group New Prod.Annou.(R)	1985-2005/Nov 16 (c) 2005 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2005/Nov 16 (c) 2005 The Gale Group
File	20:Dialog Global Reporter	1997-2005/Nov 16 (c) 2005 Dialog
File	476:Financial Times Fulltext	1982-2005/Nov 17 (c) 2005 Financial Times Ltd
File	610:Business Wire	1999-2005/Nov 16 (c) 2005 Business Wire.
File	613:PR Newswire	1999-2005/Nov 16 (c) 2005 PR Newswire Association Inc
File	624:McGraw-Hill Publications	1985-2005/Nov 16 (c) 2005 McGraw-Hill Co. Inc
File	634:San Jose Mercury	Jun 1985-2005/Nov 15 (c) 2005 San Jose Mercury News
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc

12/3,K/1 (Item 1 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

01046110 Supplier Number: 23573546 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
HELP DESK SOFTWARE  
(Help desk software market predicted to rapidly grow; Americans will make  
200 mil help desk calls in 1996, up from 120 mil in 1995, costing PC  
suppliers alone nearly \$4 bil)  
Computer Business Review, v 4, n 7, p N/A  
July 01, 1996  
DOCUMENT TYPE: Journal ISSN: 1350-4665 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3065

TEXT:

...the least sophisticated computer games player. The majority of problems  
are solved quickly and without **human intervention**, the company says.  
Over at Xerox Corp, photocopier sales and support staff tend to face...

...printer engineers; staff at Sainsbury's superstores have access to an  
intelligent online database of **point -of- sale** equipment problems; users  
of IBM's OS/2 operating systems get a CD-ROM which...

...information technology industry's most heavily criticised (and  
expensive) institutions: the help desk. The Web, **artificial  
intelligence**, agent technology, and close integration with call-systems  
and systems management software are being combined...

12/3,K/2 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01996307 51134760  
The ultimate online sales tool: No humans  
Trembly, Ara C  
National Underwriter v104n9 PP: 15, 20 Feb 28, 2000  
ISSN: 0893-8202 JRNL CODE: NUD  
WORD COUNT: 1236

ABSTRACT: Insurance agents and brokers have to face a new technology that  
promises to remove **humans** entirely from the insurance sales process. The  
technology is an expert system, sometimes called **artificial intelligence**  
- a computer program that contains a database of **human expertise** on a  
certain topic and a set of rules that infer new facts from knowledge and  
from incoming data. NaviSys announced that it has created such a system,  
NaviSys **Point of Sale Underwriting** (POSU). POSU, which went through 4  
months of beta testing, is now being marketed...

12/3,K/3 (Item 2 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01851311 05-02303  
Computers at your service  
Buderi, Robert  
Upside v11n7 PP: 152 Jul 1999  
ISSN: 1052-0341 JRNL CODE: UPS

WORD COUNT: 698

...TEXT: was to augment human intelligence. Now Cheyer, a 32-year-old whiz in SRI's Artificial Intelligence Center, is bringing that dream closer to reality If his work pans out, you can...

...send an e-mail but don't know the recipients address? No problem. Need to check out hotels for a trip to San Francisco? The computer maps out everything on your screen...

...and abilities. "[We want to find] new ways of 'tasking' communities of applications, where the **human** walks up to the computer and says, 'This is what I want to do. I...

12/3,K/4 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01283233 99-32629  
**POS mortgage sourcing**  
Hillman, Michael R  
America's Community Banker v5n7 PP: 6-7 Jul 1996  
ISSN: 1082-7919 JRNL CODE: SLN  
WORD COUNT: 1642

...TEXT: then you will see that there will always be a need for the involvement of **human** as well as **artificial intelligence** in the underwriting process. Ideally, the automated underwriting system provides the basis for automatic **POS** approvals while the **human** underwriter provides the basis for manual on-the-spot approvals.

Loan Prospector has been extraordinarily...

12/3,K/5 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00492275 90-18032  
**AI's "Me" Generation**  
Snyder, Christy  
Banking Software Review v14n3 PP: 41-47 Autumn 1989  
ISSN: 0892-6778 JRNL CODE: IBI

ABSTRACT: The most alluring use of **artificial intelligence** ( AI ) technology in the financial services industry has been the development of expert systems. Several expert...

...to improve the effectiveness of sales, loan prequalifications, and other risk management decisions at the **point of sale**. While this firm has focused on simplifying the rule-writing process as a means to...

...networks, via a technique known as neurocomputing. The potential of an expert system to replace **humans** in financial institutions depends largely on the application. ...

12/3,K/6 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

01716770 Supplier Number: 42142925 (USE FORMAT 7 FOR FULLTEXT)

**IT LEADS AMEX'S GLOBAL CHARGE**

InformationWeek, p46

June 10, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 391

... Co.

As an example, Robinson explained that Amex, which owns one of the most extensive point-of-sale networks in the financial services industry, does not have a preset spending limit for its...

...member uses the card--about 2.5 million times a day. The company created an artificial intelligence software program to authorize more than 7 million separate transactions a day within a seven-second period. If necessary, the network presents additional member information for a human authorizer to review.

Robinson also lobbied for users to become more active in the international...

12/3,K/7 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

09234185 SUPPLIER NUMBER: 19064924 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**THE DIGERATI - CONVERSATIONS WITH THE "CYBER ELITE".**

Computergram International, n3088, pCGN01290020

Jan 29, 1997

ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 984 LINE COUNT: 00078

... Gelernter, 'The Conservative,' a Yale University computer scientist specialising in the field of third generation artificial intelligence and author of the parallel programming language Linda. "I have a feeling that Bill Gates..."

12/3,K/8 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

06137125 SUPPLIER NUMBER: 12686380 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**ADVANCED INFORMATION TECHNOLOGY TARGETS CREDIT CARD FRAUD, MORTGAGE**

**INSURANCE UNDERWRITING**

PR Newswire, 1022A3906

Oct 22, 1992

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 502 LINE COUNT: 00042

... processes believed to go on in the human brain. The advanced information technology will permit point-of-sale screening of credit card purchases for abnormalities that might tip off a fraudulent transaction.

The...

12/3,K/9 (Item 3 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

05273243 SUPPLIER NUMBER: 11284037  
Measured response: Do emotions have shapes you can see and then reproduce?  
Manfred Clynes's 'Sentograf' finds distinct patterns in music as well as life; constructing a new giggle. (emotional patterns are reproduced using a microcomputer)  
Smith, Timothy K.  
Wall Street Journal , Mon ed, col 1, pA1(W) pA1(E)  
Sept 23, 1991  
CODEN: WSJOAF ISSN: 0193-2241 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: emotions have shapes that can be reproduced using a computer. Marvin Minsky, the artificial intelligence ( AI ) researcher, considers Clynes's work to be both serious and significant. According to Minsky, AI is not moving forward because emotions are not yet understood as varieties of knowledge. If...

...as it was meant to be played. Clynes uses a device, which he invented, to register and measure inner states of people listening to music or contemplating different emotions. Clynes calls...

12/3,K/10 (Item 1 from file: 160)  
DIALOG(R) File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01710585  
Travelers launches first integration of expert systems, interactive video.  
NEWS RELEASE May 22, 1987 p. 11

... the two technologies, the application allows Travelers' 10,000 Hartford employees to use interactive video kiosks to access the W-4 expert system. By entering some basic income information on a touch-screen computer kiosk , employees can receive -- in a matter of seconds -- an estimate of the number of exemptions they should take on their 1987 withholding forms. Expert systems, which constitute a branch of artificial intelligence , are computer programs that can perform some of the decision-making processes of human experts in certain areas. Travelers has been developing artificial intelligence applications for nearly three years. Travelers' interactive video program, called "In Touch," gives employees a...

12/3,K/11 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01260737 SUPPLIER NUMBER: 07105775 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Information, please. (one of four articles in special section: The Information Machine)(includes related articles on differences between data for analysis and for presentation, and decision tree analysis)  
Zilber, Jon  
MacUser, v4, n12, p94(11)  
Dec, 1988  
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5535 LINE COUNT: 00428

... get some use out of it. Many of the latest languages and tools for applying **artificial intelligence** to your data are now available on the Mac. The most accessible of these are geared towards developing expert systems. An expert system is a program that observes how a **human expert** responds to a series of situations and that attempts to extrapolate and generalize rules from those responses that it can apply when the **human expert** hands over the reins. Dan Shafer's article on expert systems surveys the state...

...packages for developing expert systems on the Mac. If none of these fit the bill, check out Dan Rasmus's article on other tools of **artificial intelligence**.

A wide variety of other tools are available for analyzing data. Many of these require...

12/3, K/12 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02417998 Supplier Number: 44802697 (USE FORMAT 7 FOR FULLTEXT)  
**REPORTS - AMERICAN EXPRESS 'FAKES' ITS INTELLIGENCE**

Financial Technology Insight, pN/A  
July, 1994

Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 309

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...effort to speed up the transaction process while improving accuracy, American Express has tempered the **human intelligence** in its credit authorization with **artificial intelligence**, to create 'authorization assistants' that perform over 95% of the authorizations. American Express has claimed...

...processed in seconds rather than minutes", said Bill Moss, a spokesperson for American Express. Previously, **human authorizers** would have to call the sales person to verify the purchase, and search many...

...manual for the correct procedure. While Moss would not reveal terminal specifics of the proprietary **artificial intelligence**, he said that the assistant looks at approximately 1000 factors in a matter of seconds from the time the card is run through the **point of sale terminal**. Some details the assistant checks are exposure on the account, where the charge is...

...thousands of dollars, the assistant will recognize something unusual and transfer the charge to a **human authorizer**." Moss said that the transfer of authorization occurs less than 5% of the time...

12/3, K/13 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

14077421 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**AMNESTY INTERNATIONAL: CAMEROON CONDONED KILLINGS THROUGH SILENCE**  
SAPA (SOUTH AFRICAN PRESS ASSOCIATION)

December 04, 2000  
JOURNAL CODE: WSAP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 496

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... consider dismantling special forces to combat banditry, as these forces had been accused of numerous human rights abuses", to "carry out energetic investigations into all allegations of human rights violations and torture", and to "maintain scrupulously a publicly accessible register of detainees," AI said.

AI said the government response to date was inadequate with a government minister saying...

12/3,K/14 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

10190881  
**Camden Technology Conference 2000 To Host Discussion of Technology's Impact on Being Human**  
PR NEWSWIRE  
March 22, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 300

... 27-29, 2000 Where: Camden Opera House; Camden, Maine How: Call (207) 230-2425 to register . The registration rate for the three-day conference is \$995 with an early bird rate...

12/3,K/15 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

08940586 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Contra Costa Times, Walnut Creek, Calif., Computer Column**  
Yael Li-Ron  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CONTRA COSTA TIMES - WALNUT CREEK, CALIFORNIA)  
January 02, 2000  
JOURNAL CODE: KCCT LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 604

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and reason like humans -- taking over and turning on their makers. For less fictitious writing, check out the site <http://nanozine.com/>. And if you're a skeptic, more power to you...

12/3,K/16 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

07332394 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**EYE ON NORTH ASIA: AI in the real world**  
ASIA COMPUTER WEEKLY  
September 13, 1999

JOURNAL CODE: FACW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 867

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in Germany, Check Out Touristik, together with TecInno, combined the convenience of Web computing with human -like knowledge of travel planning using an AI technique called case-based reasoning (CBR). The application is part of a Virtual Travel Agency...

12/3,K/17 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

06966602  
**OILWORKERS TO CONTRIBUTE ONE-DAY SALARY TO A QUAKE SURVIVORS FUND**  
ASSA-IRADA  
August 25, 1999  
JOURNAL CODE: WASI LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 136

...dispatched to Batumi 1,000 tons of L-62 diesel and 1,000 tons of AI -92 gasoline for Turkey, whence it will be collected by Turkish vessels and deliver to the affected zones. SOCAR leaders have issued an instruction to register the fuel on domestic prices on the account of SOCAR's debt to the state budget. The State Customs Committee has been suggested not to tax the humanitarian consignment, M. Mirzayev said.\*

12/3,K/18 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0579431  
**House Appropriations unit markup of FY '95 NASA request**  
Aerospace Daily, Vol. 170, No. 52, Pg 412  
June 14, 1994  
JOURNAL CODE: ASD  
ISSN: 0193-4546  
WORD COUNT: 66

TABLE:  
...Enacted to Date , Budget Estimate dation Budget Estimate

14050 National Aeronautics and Space Administration

14100 Human space flight 5,719,900,000 5,592,900,000 -127,000,00  
00 Reduction of...

...bay cables with fiber optic cables.  
-- eliminate launch site equipment program funds for upgrading the checkout , control, and monitoring system for shuttle processing.

Payload and utilization operations  
-- program reduction commensurate with...

...initiative's operations technology program by \$2,000,000  
to continue the software reverse and artificial intelligence  
program  
in cooperation with other federal agencies.

14250 Research and  
development 7,549,300,000...

?

Set Items Description  
S1 65447 (DECISION OR PERFORMANCE) () SUPPORT() SYSTEM? OR DSS OR EPSS  
OR EXPERT() SYTEM? OR AI OR ARTIFICIAL() INTELLIGEN?  
S2 122571 POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR  
CHECK() OUT?  
S3 307840 HUMAN?  
S4 124948 VERBAL? OR SPEAK? OR TALK?  
S5 1172818 CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUSTOMER? -  
OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?  
S6 2682 S1(S)S3  
S7 38 S6(S)S2  
S8 41 S6(S)S4  
S9 245 S6(12N)S5  
S10 26 S9(S) (S2 OR S4)  
S11 78 S10 OR S7 OR S8  
S12 10 S11 AND IC=G06F-017/60  
? show file  
File 348:EUROPEAN PATENTS 1978-2005/Nov W01  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2005/UB=20051110,UT=20051103  
(c) 2005 WIPO/Univentio

12/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01930027

Secure transaction management

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale,  
CA 94085, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, CA 94086, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn,  
London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200529 1002

SPEC A (English) 200529 194028

Total word count - document A 195030

Total word count - document B 0

Total word count - documents A + B 195030

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a process. This process can be interactive and the VDE  
agreement formulation process may employ artificial intelligence  
expert system technology that learns from responses and, where  
appropriate and based at least in...The API 682 may also service RPC  
requests by passing them to applications 608 that register to receive  
and process specific requests.

API 682 provides an "Applications Programming Interface" that is...the  
new object to object repository 687, and the user or the electronic  
appliance may "register" the new object by including appropriate  
information within secure database 610.

Communications Subsystem 776  
Communications...

...e.g., method data and local stack), and swapped process "context"  
information (e.g., the register set for the process when it is not  
processing). Figure 14C shows an example of...is used by VDE  
administrators and/or distributors for overall budget. A VDE

administrator may register for event summaries and an overall budget summary at the time an electronic appliance 600...

...the case of corruption of secure management files 610. Participants that receive appropriate permissions can register their processes (e.g., specific budgets) with summary services manager 560, which may then reserve...Services 592

Other authorized RPC services may be included in SPU 500 by having them "register" themselves in the RPC Services Table and adding their entries to the RPC Dispatch Table...

12/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01898247

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systèmes et procédés pour gerer des transactions sécurisees et pour protéger des droits électroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)

APPLICATION (CC, No, Date): EP 2004078195 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200520	173
SPEC A	(English)	200520	167172
Total word count - document A			167345
Total word count - document B			0
Total word count - documents A + B			167345

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION to the electronic world. VDE's transaction management capabilities can enforce:

- (1) privacy rights of users related to information regarding their usage of electronic information and/or appliances,  
(2) societal policy...

12/3,K/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01888484  
Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systèmes et procédés de gestion de transactions sécurisées et de protection de droits électroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-009/46

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total word count - document A			167577
Total word count - document B			0
Total word count - documents A + B			167577

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION have been stored and correspond to said methods and/or assemblies. This feature preferably employs artificial intelligence capabilities to analyze and automatically determine, and/or assist one or more users to determine, the proper order and relationship between the library elements corresponding to the chosen...

...a process. This process can be interactive and the VDE agreement formulation process may employ artificial intelligence expert system technology that learns from responses and, where appropriate and based at

least in...

12/3,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01869029

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)  
EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 144

NOTE:

Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a process. This process can be interactive and the VDE agreement formulation process may employ artificial intelligence expert system technology that learns from responses and, where appropriate and based at least in...is used by VDE administrators and/or distributors for overall budget. A VDE administrator may register for event summaries and an overall budget summary at the time an electronic appliance 600...

...the case of corruption of secure management files 610. Participants that receive appropriate permissions can register their processes (e.g., specific budgets) with summary services manager 560, which may then

reserve...Services 592

Other authorized RPC services may be included in SPU 500 by having them "register0" themselves in the RPC Services Table and adding their entries to the RPC Dispatch Table...

12/3,K/5 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

01049125 \*\*Image available\*\*

**CLAIMS CLINICAL CODE EDITING AND PROCEDURE MANAGEMENT TOOL**  
**MISE EN FORME DE CODES CLINIQUES DE REVENDICATIONS ET OUTIL DE GESTION DE**  
**PROCEDURE**

**Patent Applicant/Assignee:**

THE REGENCE GROUP, Mail Stop S515, P.O.Box 21267, Seattle, WA 98111-3267,  
US, US (Residence), US (Nationality)

**Inventor(s):**

HASKEY Robert S M D, 1620 Dexter Ave. North, Apt. #401, Seattle, WA 98109  
, US,

MAYHUGH Ted R, 13455 S.W. Genesis Loop, Tigard, OR 97223, US,  
RASMUSSEN Dale K, 82 N. County Way, Fruit Heights, UT 84037, US,  
TURNER Sheryl D, P.O.Box 236, Forest Grove, OR 97116, US,  
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BANN Rebecca L, 3216 7th Street, Lewiston, ID 83501, US,  
SCHULZ Patricia A, 20520 S.W. Suncrest Drive, West Linn, OR 97068, US,  
BOGEN Bonita K, 722 Milwaukee Drive, Port Angeles, WA 98363, US,  
AGUILA Hope C, 4522 NE 21st Place, Renton, WA 98059, US,  
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QUESENBERRY Gina G, 1222 Bighorn Dr., Lewiston, ID 83501, US,  
PANATTONI Marcia J, 1201 Harcourt Dr., Boise, ID 83702, US,

**Legal Representative:**

SMITH Michael S (agent), Black, Lowe & Graham, PLLC, 816 Second Avenue,  
Seattle, WA 98104, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200379142 A2-A3 20030925 (WO 0379142)

Application: WO 2003US5376 20030221 (PCT/WO US03005376)

Priority Application: US 2002358768 20020222; US 2002380407 20020513

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6676

Main International Patent Class: G06F-017/60

**Fulltext Availability:**

Claims

**Claim**

... well as private sector of the healthcare industry through the waste of funds, time and human resources. Further compounding the situation is the fact that the person submitting the encoded translation of a

clinical service to a ...Procedural Terminology (CPT), Correct Coding Initiative (CCI), and administrative rules as found in the Federal Register . 3 The clinical coding rules are optionally and preferably farther based on CPT Assistant from...employed by the insurers. Specifically, for example, in various ways certain of such products use artificial intelligence and statistical analysis to evaluate claim rejections and reductions in an effort to "de-crypt..."

12/3,K/6 (Item 2 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00996775

MATCHING AND ASSISTING A BUYER AND A VENDOR FROM AN INQUIRY, THROUGH A PROPOSAL, AND TO AN ORDER  
MISE EN CORRESPONDANCE D'UN ACHETEUR ET D'UN VENDEUR, ET ASSISTANCE APORTEE A CEUX-CI, D'UNE DEMANDE A UNE COMMANDE, EN PASSANT PAR UNE OFFRE

Patent Applicant/Assignee:

HONEYWELL INTERNATIONAL INC, 101 Columbia Avenue, P.O. Box 2245,  
Morristown, NJ 07960, US, US (Residence), US (Nationality)

Inventor(s):

ELMS Christopher Mark, 5829 Riverside Drive, Melbourne, Ontario N0L 1T0,  
CA,  
MCKINNON David D, 107 Red Path Avenue, Toronto, Ontario M4S 2J9, CA,  
VALERIOTE David B, 561 William Street, London, Ontario N6B 3E5, CA,

Legal Representative:

CRISS Roger H (et al) (agent), Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200325821 A2 20030327 (WO 0325821)  
Application: WO 2002US29757 20020919 (PCT/WO US0229757)  
Priority Application: US 2001954593 20010919

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6957

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... between a buyer at buyer workstation 105 and a vendor at vendor workstation 135, the buyer and seller, as generators of the dialogue, need not necessarily be human being@ but could instead be virtual characters formed by components employing techniques of artificial intelligence . For example, the dialogue generated by the seller may be produced by a component of software associated with vendor workstation

135 rather than by an actual human being. The present invention also  
contemplates a language translation capability to  
7  
allow for a dialog between users who speak different languages, such as  
those of different ethnic or national descent.

Server 112 includes a...

12/3,K/7 (Item.3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00836143 \*\*Image available\*\*  
**NETWORKED INTERACTIVE TOY APPARATUS OPERATIVE TO PROMOTE SALES**  
**APPAREIL A JOUETS INTERACTIFS CONNECTE A UN RESEAU ET FONCTIONNANT DE**  
**MANIERE A STIMULER LES VENTES**

Patent Applicant/Assignee:

CREATOR LTD, 16 Basel Street, 49001 Petach Tikva, IL, IL (Residence), IL  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

GABAI Oz, 156 Jabotinsky Street, 62330 Tel Aviv, IL, IL (Residence), IL  
(Nationality), (Designated only for: US)

GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL  
(Nationality), (Designated only for: US)

SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence)  
, IL (Nationality), (Designated only for: US)

WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL  
(Nationality), (Designated only for: US)

Legal Representative:

COLB Sanford T (et al) (agent), Sanford T. Colb & Co., P.O. Box 2273,  
76122 Rehovot, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169829 A2-A3 20010920 (WO 0169829)

Application: WO 2001IL247 20010314 (PCT/WO IL0100247)

Priority Application: US 2000189914 20000316; US 2000189915 20000316; US  
2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US  
2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US  
2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US  
2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US  
2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US  
2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US  
2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US  
2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US  
2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US  
2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US  
2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US  
2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US  
2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US  
2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US  
2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US  
2000212696 20000619; US 2000215360 20000630; US 2000608720 20000630; US  
2000216237 20000705; US 2000216238 20000705; US 2000217357 20000712; US  
2000219234 20000718; US 2000220276 20000724; US 2000221933 20000731; US  
2000223877 20000808; US 2000227112 20000822; US 2000229371 20000830; US  
2000229648 20000831; US 2000231105 20000908; US 2000231103 20000908; US  
2000234883 20000925; US 2000234895 20000925; US 2000239329 20001010; US  
2000253362 20001127; US 2000250332 20001129; US 2000254699 20001211; US  
2001267350 20010208

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 48354

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... toys to enhance the entertainment quality of the toy. For example, an adult who enjoys talking to himself, may want to put this technology into a mirror, and then carry on conversations with "himself", using either prepared scripts or some currently existing or future "Artificial Intelligence" technology. This is designed to simulate human response to a user's statements as described below.

The entertainment value of such toys is greatly enhanced when...

12/3,K/8 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00790566 \*\*Image available\*\*

POSITIONING SYSTEM FOR PERCEPTION MANAGEMENT

SYSTEME DE POSITIONNEMENT POUR LA GESTION DE LA PERCEPTION

Patent Applicant/Assignee:

SHR PERCEPTUAL MANAGEMENT, 7702 E. Doubletree Ranch Road, Suite 200,  
Scottsdale, AZ 85258, US, US (Residence), US (Nationality)

Inventor(s):

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RODGERS Will, 8711 East Pinnacle Peak, Scottsdale, AZ 85255, US,  
FIDLER Brian, 10015 East Mountain View Road, Unit 2040, Scottsdale, AZ  
85258, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200124056 A1 20010405 (WO 0124056)

Application: WO 2000US26626 20000928 (PCT/WO US0026626)

Priority Application: US 99407569 19990928

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ  
EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 18036

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... representation embodies cues, whereupon when viewed by humans, these related cues send signals that influence **human** behavior by synergistically triggering desired perceptions. Perception management is performed by outputting from the computer...

...plurality of visual representations is distilled in order to identify the related cues that influence **human** behavior.

BRIEF DESCRIPTION OF THE DRAWINGS

Referring now to the drawings in which like reference...be interfaced with other devices, such as read-only memory (ROM), video card, bus interface, speakers, printers, speech recognition and synthesis devices, virtual reality devices, devices capable of converting a digital

...

...implementing speech technology that allows people to transact business with computers and retrieve information by talking to a machine, either live or via the telephone. Other companies developing speech

5

recognition...The information is collected and processed using computers and is consequently much more efficient than **human** researchers.

Moreover, positioning system 1 1 8 adds a degree of depth to the infonnation...

...such as color, composition, tone and context to discover information that is not discernible to **human** researchers.

Furthermore, positioning system II 8 enables companies to conduct research of their consumers' perceptions...be stored and added to the database.

In one embodiment, the media database may incorporate **artificial intelligence**, leveraging existing models of fuzzy logic and scalable to support future technical advancements and growth...of Fuzzy Measures Based on Triangle Inequalities", Int. J. Gen. Sys. 8. Furthen-nore, the **artificial intelligence** technology provides the ability to develop a database capable of learning. The database is populated...

...as provided by various input devices that are generally well-known in the art.

The **artificial intelligence** technology recognizes degrees of relationships between the sensory stimuli representations and the responses to the

9

sensory stimuli representations that may uncover similar characteristics. Accordingly, **artificial intelligence** extends the most recent appropriate sensory stimuli representations to previously unrelated sensory stimuli representations. As...

...labor-intensive work, such as manually deciding which sensory stimuli representations and responses are related. **Artificial intelligence** may be used to refine the database of sensory stimuli representations stored in the database...

...to specific items and perform specific tasks. Intelligent agents technology is an advanced form of **artificial intelligence** that learns from experience and spawns new generations of "agents" capable of extending their predecessors...desired perceptions. Because it is subjective in nature, until recent technical advancements, this process required **human creativity**. The notion of a concept board is not meant to conform the idea around...

...the analysis by the virtual positioning strategists has been completed, control is passed to an **artificial intelligence** virtual designer. The virtual designer would have a fundamental knowledge of specific aspects of sensory...users input or present their responses to the system.

For example, users may input a **verbal** description or representation to positioning system I 1 8. Alternatively, positioning system 1 1 8... Internet is a collection of many different networks, public and private, big and small, whose **human operators** have agreed to connect to one another.

The composite network represented by these networks...

12/3,K/9 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00730948 \*\*Image available\*\*  
**SYSTEM AND METHOD AND ARTICLES OF MANUFACTURE FOR AUTOMATED ADVISORY DECISION AND CONTROL SERVICES USING DECISION SYSTEMS WITH MODEL LICENSE PROTECTION**  
**SYSTEME, PROCEDE ET ARTICLES MANUFACTURES POUR DECISION CONSULTATIVE INFORMATISEE ET SERVICES DE SURVEILLANCE FAISANT APPEL A DES SYSTEMES DE DECISION AVEC PROTECTION DE LICENCE ET DE MODELE**

**Patent Applicant/Assignee:**

TECHNOLOGYEVALUATION COM (TEC), 500 Unicorn Park Drive, Suite 404, Woburn, MA 01801, US, US (Residence), US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

AFTAHI Mehdi, 2255 St. Jacques, Montreal, Quebec H3J 1H6, CA, CA (Residence), CA (Nationality), (Designated only for: US)

BOUDREAUPT Pierre, 5000 Des Chenes, Ste. Catherine, Quebec J0L 1E0, CA, CA (Residence), CA (Nationality), (Designated only for: US)

DROBETSKY Perry, 4927 Connaught Avenue, Montreal, Quebec H4V 1X4, CA, CA (Residence), CA (Nationality), (Designated only for: US)

LOBLEY Donald J, 20730 Gay Cedars, Baie d'Urfe, Quebec H9X 2T4, CA, CA (Residence), CA (Nationality), (Designated only for: US)

ROBINS Edward S, 19 Ridge Street, Winchester, MA 01890, US, US (Residence), CA (Nationality), (Designated only for: US)

THARANI Salim, 1000 Stravinski, Brossard, Quebec J4X 1X4, CA, CA (Residence), CA (Nationality), (Designated only for: US)

**Legal Representative:**

GORDON Peter J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200043935 A2 20000727 (WO 0043935)

Application: WO 2000US335 20000107 (PCT/WO US0000335)

Priority Application: CA 2258383 19990108

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 39131

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

#### Detailed Description

... decision support process that determines decision making procedures through a series of appropriate graphical and **verbal** prompts, and provides adequate detailed meta-data without necessarily revealing other attributes which may be...

...least one alternative amongst at least two alternatives, or issue a signal thereto to a **human** operator or device for decision and control action. Such systems are known as automated advisory and control systems, and constitute a **decision support system** and process means for customizing a process and aggregating, disaggregating and analyzing data which may...

#### Claim

... PLANNING Benchmd [Gobd v6qht of leaf factors] Local Weights  
TY REWIREMENTS PLANNING j00 LS r7v--@,  
**HUMAN** RESOURCES  
PRODUCT TECHNOLOGY 04 030Z 1.3  
PRODUCT COST ILL  
- ATE SERKE AND SUPPORT 0...

...stornize  
Z21! Cu 'ING  
PLANT del Info  
-350  
INVENTORY MANAGEMENT  
SUPPLY-CHAIN MANAGEMENT  
FINANCIALS  
TEGRATED **HUMAN** RESOURCES  
PRODUCT TECHNOLOGY 0,30/c, 1.3  
PRODUCT OST  
ORATE SERVICE AND SUPPORT 0...Highest/Lowest  
405  
Show descendant Highest and Lowest weight  
criteria with weights  
Apply rating method **Verbal** Poor-Excellent 406  
to Aggregate field  
Apply weight interpretation 406  
to Aggregate field Unimportant-Very...

12/3,K/10 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00560555      \*\*Image available\*\*

**INTERNET BUSINESS TRANSACTION PROCESSOR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

Patent Applicant/Assignee:

HARDWARESTREET COM INC,

Inventor(s):

ALVIN Robert S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200023928 A2 20000427 (WO 0023928)

Application: WO 99US24452 19991019 (PCT/WO US9924452)

Priority Application: US 98104830 19981019; US 99345383 19990630

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML  
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7778

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... is scheduled to run automatically by the Catalog Builder/Price Modeler 50 so that no human interaction is necessary unless it is desired to do so. The product information is preferably...Modeler 50 of the present invention is an intelligent rule-based algorithm such as an AI (i.e., Artificial Intelligence) program generates a competitive price for a product based on price of the product offered...System 20 places the selected products in an electronic shopping cart. At the time of checkout, the customer is asked to create a customer account asking for personal information such as...  
?

Set	Items	Description
S1	6562	(DECISION OR PERFORMANCE) () SUPPORT() SYSTEM? OR DSS OR EPSS OR EXPERT() SYTEM? OR AI OR ARTIFICIAL() INTELLIGEN?
S2	236763	POS OR POINT(1W) SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR CHECK() OUT?
S3	235825	HUMAN?
S4	106267	VERBAL? OR SPEAK? OR TALK?
S5	2632074	CONSUMER? OR USER? OR PARTICIPANT? OR CUSTOMER? OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?
S6	4	S1 AND S2 AND S3
S7	18	S2 AND S3 AND S4
S8	556	S2 AND S4 AND S5
S9	12	S8 AND (S1 OR S3)
S10	21	S6 OR S7 OR S9

? show file

File 347:JAPIO Nov 1976-2005/Jul (Updated 051102)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200573

(c) 2005 Thomson Derwent

10/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

06935988 \*\*Image available\*\*  
CONTROL SYSTEM FOR ELEVATOR

PUB. NO.: 2001-163531 [JP 2001163531 A]  
PUBLISHED: June 19, 2001 (20010619)  
INVENTOR(s): NAGASATO HIROSHI  
YAMAGUCHI KATSUMI  
APPLICANT(s): HITACHI BUILDING SYSTEMS CO LTD  
APPL. NO.: 11-349287 [JP 99349287]  
FILED: December 08, 1999 (19991208)  
INTL CLASS: B66B-001/14; B66B-003/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To make a person disabled in hearing or a person capable of practicing simple finger talking use an elevator without operating a car operation control panel.

SOLUTION: A simple finger talking image for showing requirement such as a floor member of destination is recorded by an image recorder 6 based on a human body sensor 4 arranged inside a car 1 and timing of a control signal from the car 1, the finger talking image is extracted by an image extracting/recognizing device 8 to collate its image recognition pattern 7, the number of the destination floor is thereby recognized, and a command is issued from a commanding device 9 to an operation controller 2 for an elevator to register the destination floor required by a passenger.

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10/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

04445583 \*\*Image available\*\*  
ON-VEHICLE MUSIC RECORDING AND REPRODUCING DEVICE WHICH CAN BE REMOTELY OPERATED BY HUMAN SPEECH

PUB. NO.: 06-089483 [JP 6089483 A]  
PUBLISHED: March 29, 1994 (19940329)  
INVENTOR(s): MIURA TAKESHI  
APPLICANT(s): MIURA TAKESHI [000000] (An Individual), JP (Japan)  
APPL. NO.: 04-282151 [JP 92282151]  
FILED: September 07, 1992 (19920907)  
INTL CLASS: [5] G11B-015/02; G11B-015/10; G11B-019/16; G11B-033/02  
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 26.2 (TRANSPORTATION -- Motor Vehicles)  
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition & Synthesis); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: P, Section No. 1764, Vol. 18, No. 353, Pg. 84, July 04, 1994 (19940704)

#### ABSTRACT

PURPOSE: To enable the operation of a device to be controlled by a user's voice by taking the safety of automobile operation into consideration by

constituting the music recording and reproducing device of a voice recognizing device for a nonspecific or specific **speaker**, a voice register switch group and a CPU controlling these devices.

CONSTITUTION: This device is constituted of a microphone 1 which takes the voice into the device, the specific or nonspecific **speaker**'s voice recognizing unit 2 or 4 which recognizes the voice, the CPU 3 which controls these units, the music recording and reproducing device 5 and the switch group 6 for learning voice which stores the specific **speaker**'s voice. The device is constituted in such a manner and the voice signal inputted from the microphone 1 is inputted to the unit 2 or 4 which outputs the signals for selecting the music, the setting a reproduction state successively to the CPU 3. The device 5 is instructed from the CPU 3 of operations for music selection and reproduction. Namely, the device is instructed of any among recording, reproducing, fast feeding, fast rewinding, ejecting and stopping and the device is remotely operated according thereto. Inattention ahead is thus eliminated without shifting the visual points of the eyes.

10/5/3 (Item 3 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04242281 \*\*Image available\*\*  
FIRE ALARM DEVICE

PUB. NO.: 05-233981 [JP 5233981 A]  
PUBLISHED: September 10, 1993 (19930910)  
INVENTOR(s): OGUCHI JUNICHI  
               ICHIKAWA NOBUYUKI  
APPLICANT(s): NOHMI BOSAI LTD [368325] (A Japanese Company or Corporation),  
               JP (Japan)  
APPL. NO.: 04-070309 [JP 9270309]  
FILED: February 20, 1992 (19920220)  
INTL CLASS: [5] G08B-023/00; G08B-017/00  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 28.9 (SANITATION -- Other)  
JOURNAL: Section: P, Section No. 1664, Vol. 17, No. 696, Pg. 99,  
               December 20, 1993 (19931220)

#### ABSTRACT

PURPOSE: To reduce a shock or an unpleasantness of a mind and body by starting acoustic alarm from a small level, starting it by means of **human** voice, starting it by concord and, after that, successively changing it into louder alarm.

CONSTITUTION: When a fire detecting part in a fire alarm device 10 detects a fire phenomenon, its relay contact S1 is turned on and a capacitor C1 is charged with a **register** R1. In this way the both end voltages of the capacitor C1 increase in terms of an exponential function, the both end voltages are amplified by an operation amplifier OP 1 and the operation amplifier OP 2 outputs a sine wave signal in accordance with an amplified signal. That is, the operation amplifier OP 2 outputs the sine wave signal with remarkably small amplitude immediately after the relay contact S1 is turned on and successively outputs the sine wave signal with increased amplitude. Therefore, a **speaker** 22 outputs small sound immediately after the relay contact S1 is turned on and the sound successively becomes louder. Then, it prevents the sudden sense of tension to a **person**.

10/5/4 (Item 4 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

04103629 \*\*Image available\*\*  
PORTABLE TELEPHONE SET

PUB. NO.: 05-095329 [JP 5095329 A]  
PUBLISHED: April 16, 1993 (19930416)  
INVENTOR(s): OOKAWA ATSUSHIRO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-254062 [JP 91254062]  
FILED: October 02, 1991 (19911002)  
INTL CLASS: [5] H04B-007/26  
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems); 44.4  
(COMMUNICATION -- Telephone)  
JOURNAL: Section: E, Section No. 1415, Vol. 17, No. 444, Pg. 81,  
August 16, 1993 (19930816)

#### ABSTRACT

PURPOSE: To prevent the illegal use of the portable telephone set by a 3rd party by storing human body information of the specific user in advance and operating a transmission reception section when the information is coincident with information obtained by a fingerprint read section.

CONSTITUTION: A piezoelectric sheet or the like is used to process a relief of a fingerprint into a signal based on a finger placed on a fingerprint read section 5, a fingerprint picture characteristic extract section 7 extracts only a characteristic part of a fingerprint picture and inputted to a memory 9 to register the fingerprint. When a person to use the portable telephone set 1 places its finger onto the fingerprint read section 5, the fingerprint pattern is processed into a signal, which is inputted to the fingerprint picture characteristic extract section 7 and the characteristic part is inputted to a comparator section 8. On the other hand, the fingerprint picture registered in advance is read from the memory 9 and they are compared, and when they are coincident, a control section 10 is activated. That is, a switch 11 is closed to supply power of a power supply 12 to the transmission reception section or the like, the portable telephone set 1 is activated to attain the talking available state. Thus, a person whose fingerprint is not registered cannot use illegally the telephone set.

10/5/5 (Item 5 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

03679972 \*\*Image available\*\*  
CALL REGISTERER FOR ELEVATOR

PUB. NO.: 04-045072 [JP 4045072 A]  
PUBLISHED: February 14, 1992 (19920214)  
INVENTOR(s): YAMAMOTO HISAO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-149875 [JP 90149875]  
FILED: June 11, 1990 (19900611)  
INTL CLASS: [5] B66B-001/14; B66B-003/00; B66B-005/02  
JAPIO CLASS: 26.9 (TRANSPORTATION -- Other)

JAPIO KEYWORD:R108 (INFORMATION PROCESSING -- Speech Recognition & Synthesis)  
JOURNAL: Section: M, Section No. 1255, Vol. 16, No. 229, Pg. 34, May 27, 1992 (19920527)

#### ABSTRACT

PURPOSE: To eliminate any tamper call register as well as to improve the operational efficiency by registering a voiceprint signal only at a time when a user is detected before a microphone set up in an elevator hall, and performing an aural check at time of inputting the next aural signal, then making the coincident signal so as to be registered for the elevator call.

CONSTITUTION: An input aural signal 5a out of a microphone 5 is inputted into a speaker checker 8. In addition, human detecting signals 6a, 6b of a human detector 6 are inputted into this speaker checker 8 and a voice call registerable indicator lamp 7 respectively. When both these signals 5a, 6a are inputted, the speaker checker 8 feeds these signals to a voice recognizer 9 for the first time call register, and voice comparison operation is carried out only in the already registered case, and if the signal is coincident with it, a register permission signal 9a is outputted to a call registerer 10. When it is unregistered, it is temporarily registered, and at time of the second aural signal inputted, it is judged at the same manner, and when being coincident, the second voice input is canceled, and when incongruity is the case, the call register is performed.

10/5/6 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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017090897 \*\*Image available\*\*  
WPI Acc No: 2005-415225/200542  
XRXPX Acc No: N05-336619

Method of confirming glottal events within human speech signal, involves registering each glottal event with adjacent glottal events to confirm several glottal events located within each speech signal segment

Patent Assignee: BOSSEMEYER R W (BOSS-I); WILLIAMS W J (WILL-I)

Inventor: BOSSEMEYER R W; WILLIAMS W J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050096900	A1	20050505	US 2003698629	A	20031031	200542 B

Priority Applications (No Type Date): US 2003698629 A 20031031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050096900	A1	18		G10L-011/04	

Abstract (Basic): US 20050096900 A1

NOVELTY - One speech segment having higher energy sections is located within speech signal segment. Several glottal events are located within each speech signal segment based on the higher energy sections. Each glottal event is registered with adjacent glottal events to confirm several glottal events located within each speech signal segment.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) computer-readable medium storing instructions for performing

glottal event confirmation; and

(2) speaker verification system.

USE - For confirming glottal events within **human** speech signal.

ADVANTAGE - Performs more better, more uniform and accurate analysis of glottal events.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the process of confirming glottal events.

pp; 18 DwgNo 2B/9

Title Terms: METHOD; CONFIRM; GLOTTIS; EVENT; **HUMAN**; SPEECH; SIGNAL; REGISTER ; GLOTTIS; EVENT; ADJACENT; GLOTTIS; EVENT; CONFIRM; GLOTTIS; EVENT; LOCATE; SPEECH; SIGNAL; SEGMENT

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-011/04

File Segment: EPI; EngPI

10/5/7 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016931021 \*\*Image available\*\*

WPI Acc No: 2005-255331/200527

XRPX Acc No: N05-210093

User assistance method in targeted messaging system, involves providing offer to summon **human** agent knowledgeable about products associated with message to user , and summoning agent to speak with user in response to offer

Patent Assignee: NCR INT INC (NATC ); NCR CORP (NATC )

Inventor: BLACK J S; COUTTS M; FORREST S J; SMITH M R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2405963	A	20050316	GB 200321525	A	20030913	200527 B
US 20050060218	A1	20050317	US 2004929256	A	20040830	200527

Priority Applications (No Type Date): GB 200321525 A 20030913

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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GB 2405963 A 34 G06F-017/60

US 20050060218 A1 G06F-017/60

Abstract (Basic): GB 2405963 A

NOVELTY - An automatic teller machine (ATM) is provided with an appropriate message by a web server for presenting to a **user** . An offer to summon the **human** agent knowledgeable about the products associated with the message is provided to the **user** , and the agent is summoned to **speak** with the **user** in response to the offer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) targeted messaging system;
- (2) terminal and
- (3) bank branch system.

USE - For assisting **user** to target messages to other **users** of terminal such as self-service terminals (SSTs) e.g. automatic teller machine (ATM), information **kiosk** , web-enabled **personal computer** (PC), interactive television using **customer** relationship management (CRM) system, in targeted messaging system.

ADVANTAGE - Performs summoning in real time before transaction is completed at ATM. Enables a sales product to be identified and quickly paired with a product specialist, thereby improving the sales of the product.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram showing the steps involved in the transaction executed at automatic teller machine.

pp; 34 DwgNo 4/7

Title Terms: **USER ; ASSIST; METHOD; MESSAGING; SYSTEM; OFFER; SUMMON; HUMAN ; AGENT; PRODUCT; ASSOCIATE; MESSAGE; USER ; AGENT; SPEAKER ; USER ; RESPOND; OFFER**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/8 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016907647 \*\*Image available\*\*

WPI Acc No: 2005-231935/200524

Related WPI Acc No: 2003-597123

XRPX Acc No: N05-191038

Artificial intelligence system simulating method for brokering transactions, involves providing human interface for operator to check content of buyer and seller registration modules and matching module for each transaction

Patent Assignee: CZORA G J (CZOR-I)

Inventor: CZORA G J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050055298	A1	20050310	US 99257863	A	19990302	200524 B
			US 2002266171	A	20021007	
			US 2004885477	A	20040706	

Priority Applications (No Type Date): US 2004885477 A 20040706; US 99257863 A 19990302; US 2002266171 A 20021007

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050055298	A1	14	G06F-017/60	CIP of application US 99257863 CIP of application US 2002266171

Abstract (Basic): US 20050055298 A1

NOVELTY - The method involves providing a buyer registration module for obtaining information about a buyer's requirement. A seller registration module is provided for obtaining information about a seller's offer. A matching module is provided for matching the buyer's requirement to the seller's offer. A human interface is provided for a human operator to check the content of the modules for each transaction.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a computer program product having a computer usable medium having a computer readable code to operate on a computer for performing artificial intelligence system simulating method

(B) a simulated artificial intelligence system.

USE - Used for simulating an artificial intelligence system for brokering transactions.

ADVANTAGE - The method does not loses the desirable properties of a computer controlled artificial intelligence, such as apparent anonymity and consumer confidence, even though a human operator monitors results and intervenes in the operations. The method connects

persons through mainframe transaction systems and/or Internet, thus reaching widest possible audience while retaining the required anonymity.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of an Internet based expertise brokering method.

pp; 14 DwgNo 2/5

Title Terms: ARTIFICIAL; INTELLIGENCE; SYSTEM; SIMULATE; METHOD; TRANSACTION; HUMAN ; INTERFACE; OPERATE; CHECK; CONTENT; BUY; REGISTER ; MODULE; MATCH; MODULE; TRANSACTION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/9 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016795451 \*\*Image available\*\*

WPI Acc No: 2005-119728/200513

Related WPI Acc No: 2002-526206; 2004-354574

XRPX Acc No: N05-103234

Cash delivery apparatus for facility e.g. self-service motor fuel dispensing facility, has card reader operating in response to cash value dispense and computer operative responsive to reading card for generating charge record

Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: ENRIGHT J M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6845907	B1	20050125	US 98108340	P	19981113	200513 B
			US 99438602	A	19991112	

Priority Applications (No Type Date): US 98108340 P 19981113; US 99438602 A 19991112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6845907	B1	62	G06F-007/08	Provisional application US 98108340

Abstract (Basic): US 6845907 B1

NOVELTY - The apparatus has a computer (36) connected to a self-service merchandise dispensing machine (12), a user interface (48) and a cash value dispensing mechanism (30). A card reader (54) operates in response to cash value dispense for including data representative of amount in stored value memory. The computer is operative responsive to reading a card (80) with the card reader to generate a charge record.

DETAILED DESCRIPTION - The controller causes a merchandise to dispense from the merchandise dispensing machine. The charge record includes data representative of source of monetary value, charge and the amount. An INDEPENDENT CLAIM is also included for a method of operating a cash delivery apparatus.

USE - Used for delivering cash to customers at facility e.g. self-service facility such as self-service motor fuel dispensing facility which includes a self-service merchandise dispensing machine e.g. fuel-pump, and attended facility such as fast food restaurant.

ADVANTAGE - The apparatus reduces amount of human effort required to operate it, thus enabling workers to concentrate on merchandise preparation and delivery, and hence a larger number of customers can

be served more quickly by fewer workers. The apparatus can serve customers who speak different languages. The apparatus enables persons who may not have credit or debit cards to utilize the apparatus by cashing checks and to receive the balance of their funds in a manner that is fast and convenient. The apparatus can be used by persons who do not have accounts with financial institutions.

DESCRIPTION OF DRAWING(S) - The drawing shows a cash delivery apparatus.

Self-service dispensing machine (12)  
Facility (14)  
Cash register (20)  
Reader (22)  
Output device (24)  
Service window (26)  
Cash dispenser (28)  
Cash dispensing mechanism (30)  
Computer (36)  
User interface (48)  
Card reader (54)  
Card (80)  
pp; 62 DwgNo 1/59

Title Terms: CASH; DELIVER; APPARATUS; FACILITY; SELF; SERVICE; MOTOR; FUEL ; DISPENSE; FACILITY; CARD; READ; OPERATE; RESPOND; CASH; VALUE; DISPENSE ; COMPUTER; OPERATE; RESPOND; READ; CARD; GENERATE; CHARGE; RECORD

Derwent Class: T01; T05

International Patent Class (Main): G06F-007/08

File Segment: EPI

10/5/10 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016549567 \*\*Image available\*\*

WPI Acc No: 2004-708308/200469

XRPX Acc No: N04-561619

Perceptual user interface system for e.g. airport electronic ticket check-in kiosk, has filtering component to remove tracked object from object hypotheses based on preset removal criteria

Patent Assignee: OLIVER N M (OLIV-I); WILSON A D (WILS-I)

Inventor: OLIVER N M; WILSON A D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040189720	A1	20040930	US 2003396653	A	20030325	200469 B

Priority Applications (No Type Date): US 2003396653 A 20030325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040189720	A1	30	G09G-005/00	

Abstract (Basic): US 20040189720 A1

NOVELTY - The system has a tracking component (102) to detect an object within a scene based on comparison of images relative to mapping of the images, and to track the object. A seeding component (108) seeds the tracking component with object hypotheses based on the presence of the object and the image comparison. A filtering component (114) removes the tracked object from the hypotheses based on preset removal criteria.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the

following:

(A) a network of computer systems, each including an object processing system

(B) a method of facilitating a human -computer interface.

USE - Used for controlling a computer system in airport electronic ticket check-in kiosk , and rental car direction system.

ADVANTAGE - The filtering component removes the tracked object from the object hypotheses based on the preset removal criteria, thus controlling the application programs and manipulation of on-screen objects in response to object movements performed by a user . The system operates in real time and is robust, light in weight, and provides a relatively inexpensive capability for the recognition of hand gestures and verbal commands.

DESCRIPTION OF DRAWING(S) - The drawing shows a system block diagram of components for controlling a computer and/or other hardware/software peripherals interfaced.

Tracking component (102)

Control component (106)

Seeding component (108)

User interface component (110)

Filtering component (114)

pp; 30 DwgNo 1/12

Title Terms: USER ; INTERFACE; SYSTEM; AIRPORT; ELECTRONIC; TICKET; CHECK; KIOSK ; FILTER; COMPONENT; REMOVE; TRACK; OBJECT; OBJECT; BASED; PRESET; REMOVE; CRITERIA

Derwent Class: P85; T01; T04; T05; W06

International Patent Class (Main): G09G-005/00

File Segment: EPI; EngPI

10/5/11 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015546487

WPI Acc No: 2003-608642/200358

XRPX Acc No: N03-485314

Real person spoken foreign language pairing teaching in-line virtual community system and method

Patent Assignee: YINGYEDA CO LTD (YING-N)

Inventor: MA P; WEN S; ZHANG D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1420448	A	20030528	CN 2001134828	A	20011115	200358 B

Priority Applications (No Type Date): CN 2001134828 A 20011115

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1420448	A		G06F-015/163	

Abstract (Basic): CN 1420448 A

NOVELTY - A in-line virtual society system for real human spoken foreign language pairing education is composed of central information monitor module, member control module, basic member database, authentication module, authenticating item database, real-time pairing module, and link diverting module. Its method includes activating browse interface to transmit register -in request of user , real-time pairing between teacher and student, link diverting, and storing the link data to basic member database.

DwgNo 0/0

Title Terms: REAL; PERSON ; SPEAKER ; FOREIGN; LANGUAGE; PAIR; TEACH;

LINE; VIRTUAL; COMMUNAL; SYSTEM; METHOD

Derwent Class: T01; W04

International Patent Class (Main): G06F-015/163

International Patent Class (Additional): G06F-009/46

File Segment: EPI

10/5/12 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015534973 \*\*Image available\*\*

WPI Acc No: 2003-597123/200356

Related WPI Acc No: 2005-231935

XRPX Acc No: N03-475868

Artificial intelligence system for computer aided data communication, has buyer and seller registration modules, matching module for matching registration modules and human interface for checking modules

Patent Assignee: CZORA G J (CZOR-I)

Inventor: CZORA G J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030088522	A1	20030508	US 99257863	A	19990302	200356 B
			US 2002266171	A	20021007	

Priority Applications (No Type Date): US 2002266171 A 20021007; US 99257863 A 19990302

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030088522 A1 14 G06F-017/60 CIP of application US 99257863

Abstract (Basic): US 20030088522 A1

NOVELTY - The system (10) has a buyer and a seller registration module for obtaining information about the buyers requirement and the sellers offer. A matching module matches the buyers requirement with the sellers offer. A human interface (30) checks the operation of all the three modules.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is also included for a method for simulating artificial intelligence .

USE - Used for computer aided data communication.

ADVANTAGE - The system enables a person offering a particular expertise or personal or professional service to make their presence known to a simulated artificial intelligence interface and then makes his/her request known to other users of the Internet. The price for services can be negotiated without the necessity of personal communication. The anonymity of the human processors in the system is maintained, thereby maintaining the illusion of the advanced science fiction like consciousness.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block diagram of an Internet based expertise brokering apparatus.

Artificial intelligence apparatus (10)

Internet (12)

Brokering computer (19)

Human manager. (30)

pp; 14 DwgNo 1/6

Title Terms: ARTIFICIAL; INTELLIGENCE; SYSTEM; COMPUTER; AID; DATA; COMMUNICATE; BUY; REGISTER ; MODULE; MATCH; MODULE; MATCH; REGISTER ; MODULE; HUMAN ; INTERFACE; CHECK; MODULE

Derwent Class: T01; T05  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

10/5/13 (Item 8 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015387074 \*\*Image available\*\*  
WPI Acc No: 2003-448019/200342  
XRPX Acc No: N03-357333

Cardiac and apnea monitoring system for infants, has sensor unit capable of monitoring and transmitting modulated high and low frequency alarm signals to emergency message retrieval unit

Patent Assignee: HOLLAND T C (HOLL-I); SUSKOVICH M C (SUSK-I)

Inventor: HOLLAND T C; SUSKOVICH M C

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055350	A1	20030320	US 2001951119	A	20010914	200342 B
US 6764451	B2	20040720	US 2001951119	A	20010914	200448

Priority Applications (No Type Date): US 2001951119 A 20010914

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030055350	A1	24	A61B-005/04	
US 6764451	B2		A61B-005/205	

Abstract (Basic): US 20030055350 A1

NOVELTY - The system has a sensor unit (30) with a portable base that transmits a high frequency enable signal modulated with a binary code to an emergency message retrieving unit (EMRU). The receiver present in the EMRU demodulates the received enable signal and performs Boolean comparisons against unique binary code to activate strobe light, audio speaker and motion switching alarms.

DETAILED DESCRIPTION - The base of the sensor unit is operatively connected to the human body by a pair of electrodes that receives electrical impulses of the cardiac system. The device also has a signal register for holding decoded data in memory for future access. An INDEPENDENT CLAIM is also included for an alarm state manager system of the human body's pulmonary and cardiac systems

USE - Used for cardiac and apnea monitoring for infants.

ADVANTAGE - The system provides greater mobility and increased safety in monitoring infants. The system with various alarms is very useful for parents experiencing sensory limitations in monitoring their children.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the overall circuitry and components of the monitoring base apparatus.

Sensory circuitry (30)

pp; 24 DwgNo 1/20

Title Terms: CARDIAC; APNOEA; MONITOR; SYSTEM; INFANT; SENSE; UNIT; CAPABLE ; MONITOR; TRANSMIT; MODULATE; HIGH; LOW; FREQUENCY; ALARM; SIGNAL; EMERGENCY; MESSAGE; RETRIEVAL; UNIT

Derwent Class: P31; S05; T01; W05

International Patent Class (Main): A61B-005/04; A61B-005/205

File Segment: EPI; EngPI

10/5/14 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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015216228 \*\*Image available\*\*

WPI Acc No: 2003-276765/200327

Related WPI Acc No: 2002-425001; 2002-590278

XRPX Acc No: N03-219991

Point -of- sale ticket vending system for fast food restaurant,  
processes verbal instructions received from customer based on which  
displays seating chart regarding seats available for event  
Patent Assignee: MAHAFFY D B (MAHA-I); MAHAFFY K E (MAHA-I); SCHMIDT E E  
(SCHM-I)

Inventor: MAHAFFY D B; MAHAFFY K E; SCHMIDT E E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030018531	A1	20030123	US 2000657719	A	20000908	200327 B
			US 2002151593	A	20020520	

Priority Applications (No Type Date): US 2002151593 A 20020520; US  
2000657719 A 20000908

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030018531	A1	14	G06F-017/60	CIP of application US 2000657719

Abstract (Basic): US 20030018531 A1

NOVELTY - A customer interaction terminal receives verbal  
instructions from a customer seeking to purchase tickets. A computer  
with artificial intelligence processes the audio signal and  
recognizes verbal instructions based on which displays the seating  
chart regarding seats available for the event. A human controlled  
response unit interacts with customer, when verbal instruction is  
not recognized by the computer.

USE - Point -of- sale ticket vending system for fast food  
restaurant.

ADVANTAGE - Eliminates the need and space required for traditional  
human cashiers, therefore providing a greater amount of order  
processing space for customer interaction terminal. Also, since the  
customer interacts with the ticket vending system in the same manner  
as with that of human cashier, the vending system is easier to use  
and thereby attracts the attention of customers .

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart  
explaining the transaction processing of point -of- sale system.

pp; 14 DwgNo 2A/3

Title Terms: POINT; SALE; TICKET; VENDING; SYSTEM; FAST; FOOD; RESTAURANT;  
PROCESS; VERBAL ; INSTRUCTION; RECEIVE; CUSTOMER ; BASED; DISPLAY; SEAT  
; CHART; SEAT; AVAILABLE; EVENT

Derwent Class: T01; T05; W04

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/15 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013843654 \*\*Image available\*\*

WPI Acc No: 2001-327867/200134

XRPX Acc No: N01-235918

Dynamical creation and management method of mutual relationship between

virtual visitor and virtual enterprise expert, involves creating unique vertical visitation experience using software

Patent Assignee: RESPONSELOGIC INC (RESP-N); STERLING D (STER-I); DIGITAL CONNEXXIONS CORP (DIGI-N)

Inventor: STERLING D

Number of Countries: 095 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200115041	A2	20010301	WO 2000US22788	A	20000818	200134 B
AU 200067884	A	20010319	AU 200067884	A	20000818	200136
US 20020055833	A1	20020509	US 99150380	P	19990823	200235
			US 2000477168	A	20000104	
			US 2001928956	A	20010813	
US 6466975	B1	20021015	US 99150380	P	19990823	200271
			US 2000477168	A	20000104	
TW 495697	A	20020721	TW 2000116979	A	20000822	200329

Priority Applications (No Type Date): US 2000477168 A 20000104; US 99150380 P 19990823; US 2001928956 A 20010813

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200115041 A2 E 74 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067884 A G06F-017/60 Based on patent WO 200115041

US 20020055833 A1 G06F-009/45 Provisional application US 99150380

Div ex application US 2000477168

US 6466975 B1 G06F-013/00 Provisional application US 99150380

TW 495697 A G06F-017/60

Abstract (Basic): WO 200115041 A2

NOVELTY - Virtual population (22) comprising instances of semantic model being specific to real world populations are provided. Expert system software tailored to particular virtual population and effecting virtual enterprise expert are provided. Expert system software is applied to instance of semantic model to create unique virtual visitation experience.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Dynamically creating and managing system;
- (b) Real-time dynamic marketing conducting system;
- (c) Information determining method;
- (d) Information determining system

USE - For dynamically creating and managing mutual relationship between virtual visitor and virtual enterprise expert using electronic communication network such as Internet, protocol network, cable network, kiosk network, telephony network, satellite network, world wide web, private IP network, public IP network, etc.

ADVANTAGE - Establishes mutual relationship between enterprise expert and virtual visitor. Develops and maintains mutual relationships based on relationship attributes through the personalization of visitation experience and allows user control over virtual representation. Includes the application of rules-based and expert systems artificial intelligence technology to computer driven network systems permitting the visitor to experience a personalized virtual visit to virtual place. Expert system technology focuses on emulating captured expert knowledge and reasoning rather than emulating

the brain. The visits permits the creation, management and fastening of virtual mutual relationship between visitor and electronic enterprise expert whereby the satisfaction of needs or interests can be fulfilled, in a similar manner, as ordinary **human** interaction occurs. By establishing virtual mutual relationship, meaningful interaction which is intended to emulate that one-on-one **human** interaction transpires.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic representation of electronic communication network.

Virtual population (22)

pp; 74 DwgNo 1/14

Title Terms: DYNAMIC; CREATION; MANAGEMENT; METHOD; MUTUAL; RELATED; VIRTUAL; VISIT; VIRTUAL; EXPERT; UNIQUE; VERTICAL; EXPERIENCE; SOFTWARE

Derwent Class: T01

International Patent Class (Main): G06F-009/45; G06F-013/00; G06F-017/60

File Segment: EPI

10/5/16 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013717505 \*\*Image available\*\*

WPI Acc No: 2001-201729/200120

XRPX Acc No: N01-143820

Controlling and processing a section of an interactive presentation simultaneously with detection of a stimulus event in a manner that overrides the process

Patent Assignee: COMPAQ COMPUTER CORP (COPQ )

Inventor: AVERY B L; CHRISTIAN A D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6163822	A	20001219	US 9870849	A	19980504	200120 B

Priority Applications (No Type Date): US 9870849 A 19980504

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6163822	A	15	G06F-013/00	

Abstract (Basic): US 6163822 A

NOVELTY - A processing device (36), preferably a digital computer, processes input data from a touch-screen monitor (14), a video camera (16), a keyboard (32) and a microphone (34) and generates output data that are transmitted to the monitor and to a pair of **speakers** (20). The camera detects a **human** (22) in the vicinity of a **kiosk** (10) and activates the processing device to control the interactive display on the monitor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for apparatus for controlling an interactive presentation and for a computer-readable medium with a computer program.

USE - Controlling an interactive presentation.

ADVANTAGE - Efficient control of presentation.

DESCRIPTION OF DRAWING(S) - The drawing shows a public **kiosk** with a touch-screen monitor according to the invention

Processing device (36)

Touch-screen monitor (14)

Video camera (16)

Keyboard (32)

Microphone (34)

Speakers (20)

Kiosk (10)  
pp; 15 DwgNo 1/4  
Title Terms: CONTROL; PROCESS; SECTION; INTERACT; PRESENT; SIMULTANEOUS;  
DETECT; STIMULUS; EVENT; MANNER; OVERRIDE; PROCESS  
Derwent Class: T01; T04; T05  
International Patent Class (Main): G06F-013/00  
International Patent Class (Additional): G06F-003/00  
File Segment: EPI

10/5/17 (Item 12 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013268779 \*\*Image available\*\*  
WPI Acc No: 2000-440685/200038  
XRPX Acc No: N00-328748

Information provision method responsive to question in one of multiple spoken languages, decides on an initial utterance by the user the language being spoken, and adjust language program accordingly

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: MARTINO M J; PAULSEN R C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6061646	A	20000509	US 97993606	A	19971218	200038 B

Priority Applications (No Type Date): US 97993606 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6061646	A	12	G06F-017/28		

Abstract (Basic): US 6061646 A

NOVELTY - A detected utterance is recognized with a speech recognition device with multiple small dictionaries corresponding to languages and which include speech data for selected few common words in the respective language. Based on the number of recognized words for each language from the small dictionaries, one of the languages is selected as the language of the detected utterance.

DETAILED DESCRIPTION - The detected utterance is recognized using a large dictionary for the language of the detected utterance. The user is responded in the selected language. INDEPENDENT CLAIMS are also included for the following:

(a) an information provision system responsive to question in one of multiple spoken languages;  
(b) and a computer program for providing information in response to question in one of multiple spoken languages.

USE - For natural language sensitive kiosk that accepts verbal input from human or machine in any of multiple languages, and responds to requests in natural language of inquiry.

ADVANTAGE - Provides interface which is as seamless as possible to user while minimizing memory requirements. Provides aural response in natural language according to detected utterance in a supported natural language.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the functional modules for implementing the information provision method.

pp; 12 DwgNo 3/4

Title Terms: INFORMATION; PROVISION; METHOD; RESPOND; QUESTION; ONE; MULTIPLE; SPEAKER ; LANGUAGE; DECIDE; INITIAL; USER ; LANGUAGE; SPEAKER ; ADJUST; LANGUAGE; PROGRAM; ACCORD

Derwent Class: T01; W01; W04  
International Patent Class (Main): G06F-017/28  
International Patent Class (Additional): H04M-001/64  
File Segment: EPI

10/5/18 (Item 13 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012704980 \*\*Image available\*\*  
WPI Acc No: 1999-511089/199943  
XRAM Acc No: C99-149631  
XRPX Acc No: N99-381087  
**Fortune telling card - for constellation design cake**  
Patent Assignee: DOI N (DOIN-I)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11215953	A	19990810	JP 9854072	A	19980130	199943 B

Priority Applications (No Type Date): JP 9854072 A 19980130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 11215953 A 5 A23G-003/00

Abstract (Basic): JP 11215953 A

NOVELTY - The constellation fortune telling card is designed with each constellation (2) of 12 or 13, corresponding to changing months in a year.

USE - For constellation design cakes in point-of-sales ( POS ) systems and mobile sales systems.

ADVANTAGE - Improves human communication by talking together about the fortune estimation of the future of each other. DESCRIPTION OF DRAWING(S) - The figure shows the top view of the fortune telling card. (2) Constellation.

Dwg.1/2

Title Terms: FORTUNE; CARD; DESIGN; CAKE  
Derwent Class: D13; P36  
International Patent Class (Main): A23G-003/00  
International Patent Class (Additional): A63F-009/06  
File Segment: CPI; EngPI

10/5/19 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011937334 \*\*Image available\*\*  
WPI Acc No: 1998-354244/199831  
XRPX Acc No: N98-277370  
**Intercom apparatus for domestic use - includes human body detection unit which detects existence of human body based on which clock is operated**  
Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10136107	A	19980522	JP 96289484	A	19961031	199831 B

Priority Applications (No Type Date): JP 96289484 A 19961031

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 10136107 A 7 H04M-009/00

Abstract (Basic): JP 10136107 A

The apparatus (A) has a memory unit (2c) for storing information. A guidance control unit (2f) reads out the information from the memory to an output unit. External output (8,10) are used to output information. A transmission and reception unit (1) performs talk with other stations. A human body detection unit (14) detects the existence of human body near intercom apparatus.

A timer (13) clocks the predetermined time. After the detection of human body the clock is not operated and hence the detection unit detects a human body even after the predetermined time. The information is read out from memory unit and output through an external output unit. A notebook memory (6) and registration unit (6a) register a notebook message.

ADVANTAGE - Ensures privacy in transmission of message. Receives message even if location is not known.

Dwg.1/2

Title Terms: INTERCOMMUNICATION; APPARATUS; DOMESTIC; HUMAN ; BODY; DETECT ; UNIT; DETECT; EXIST; HUMAN ; BODY; BASED; CLOCK; OPERATE

Derwent Class: S04; W01

International Patent Class (Main): H04M-009/00

International Patent Class (Additional): G08B-025/04; H04M-001/02

File Segment: EPI

10/5/20 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010378668 \*\*Image available\*\*

WPI Acc No: 1995-279982/199537

Computerised fortune telling machine - has personal computer to register player's profile and printer to print profile registration information after matching with database

Patent Assignee: MIKAGE T (MIKA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7178234	A	19950718	JP 93347774	A	19931224	199537 B

Priority Applications (No Type Date): JP 93347774 A 19931224

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 7178234 A 6 A63F-009/06

Abstract (Basic): JP 7178234 A

The machine consists of a personal computer (12) with a video camera (2), speaker (3) and a display (4). The player inputs his profile into the profile information entry system. The profile is registered with a code number. The processor matches the profile with the database of profiles stored within and outputs the fortune correspondent to the player's profile. The progress of the process is viewed on the display and the results are printed on a printer (14).

ADVANTAGE - Performs without human intervention.

Dwg.2/10

Title Terms: COMPUTER; FORTUNE; MACHINE; PERSON ; COMPUTER; REGISTER ; PLAY; PROFILE; PRINT; PROFILE; REGISTER ; INFORMATION; AFTER;

MATCH; DATABASE  
Derwent Class: P36; P75; T01; T04; W04  
International Patent Class (Main): A63F-009/06  
International Patent Class (Additional): A63F-009/22; B41J-005/30  
File Segment: EPI; EngPI

10/5/21 (Item 16 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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003994922  
WPI Acc No: 1984-140465/198422  
XRPX Acc No: N84-104217  
Audio feedback suppressor for loudspeaker and microphone system -  
variably delays speaker signal in serial analog register having shift  
rate determined by pseudo-random code generator  
Patent Assignee: CINCINNATI ELTN COR (CINC-N)  
Inventor: CLAYPOOLE G L; STEPP E D  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
US 4449237 A 19840515 US 82368463 A 19820414 198422 B

Priority Applications (No Type Date): US 82368463 A 19820414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4449237	A	6		

Abstract (Basic): US 4449237 A

The generator controls the shifting of signal components stored in a delay register having several cascaded stages. The generator produces a high frequency relative to the audio signal to control the shifting rate. Therefore frequency components introduced by the generator are sufficiently high that they cannot be heard by a human ear.

The signals are shifted in a range of 20 to 50 KHz in response to the generator having an output sequence of 2 power 15 minus 1 bits. The generator is driven by a 100 KHz oscillator so that the phase of a variable frequency oscillator is shifted several times during each cycle.

0/1

Title Terms: AUDIO; FEEDBACK; SUPPRESS; LOUDSPEAKER; MICROPHONE; SYSTEM;  
VARIABLE; DELAY; SPEAKER ; SIGNAL; SERIAL; ANALOGUE; REGISTER ; SHIFT;  
RATE; DETERMINE; PSEUDO; RANDOM; CODE; GENERATOR

Index Terms/Additional Words: HOWLING

Derwent Class: W04

International Patent Class (Additional): H04R-003/00

File Segment: EPI

?

Set Items Description  
S1 132653 EPSS OR EXPERT() SYTEM? OR AI OR ARTIFICIAL() INTELLIGEN?  
S2 49962 POS OR POINT(1W) SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR  
CHECK() OUT?  
S3 489116 HUMAN?  
S4 257893 VERBAL? OR SPEAK? OR TALK?  
S5 2128510 CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUSTOMER? -  
OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR PERSON?  
S6 19 S1 AND S2 AND S3  
S7 12 S6 NOT PY>2000  
S8 11 RD (unique items)  
File 2:INSPEC 1898-2005/Nov W1  
      (c) 2005 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2005/Oct  
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      (c) 2005 The New York Times  
File 475:Wall Street Journal Abs 1973-2005/Nov 16  
      (c) 2005 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
      (c) 2002 The Gale Group  
File 256:TecInfoSource 82-2005/Feb  
      (c) 2005 Info.Sources Inc

8/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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07957652 INSPEC Abstract Number: C2001-07-6180N-036

Title: Multimodal speaker detection using input/output dynamic Bayesian networks

Author(s): Pavlovic, V.; Garg, A.; Rehg, J.M.

Author Affiliation: Compaq Cambridge Res. Lab., Cambridge, MA, USA

Conference Title: Advances in Multimodal Interfaces-ICMI 2000. Third International Conference (Lecture Notes in Computer Science Vol.1948) p. 308-16

Editor(s): Tan, T.; Shi, Y.; Gao, W.

Publisher: Springer Verlag, Berlin, Germany

Publication Date: 2000 Country of Publication: Germany xv+678 pp.

ISBN: 3 540 41180 1 Material Identity Number: XX-2001-00248

Conference Title: Advances in Multimodal Interfaces - ICMI 2000. Third International Conference. Proceedings

Conference Date: 14-16 Oct. 2000 Conference Location: Beijing, China

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Inferring users' actions and intentions forms an integral part of the design and development of any human-computer interface. The presence of noisy and at times ambiguous sensory data makes this problem challenging. We formulate a framework for temporal fusion of multiple sensors using input-output dynamic Bayesian networks (IODEBNs). We find that contextual information about the state of the computer interface, used as an input to the DBN, and sensor distributions learned from data are crucial for good detection performance. Nevertheless, classical DBN learning methods can cause such models to fail when the data exhibits complex behavior. To further improve the detection rate we formulate an error-feedback learning strategy for DBNs. We apply this framework to the problem of audio/visual speaker detection in an interactive kiosk application using "off-the-shelf" visual and audio sensors (face, skin, texture, mouth motion, and silence detectors). Detection results obtained in this setup demonstrate numerous benefits of our learning-based framework. (10 Refs)

Subfile: C

Descriptors: belief networks; learning (artificial intelligence); sensor fusion; speech processing; speech-based user interfaces

Identifiers: multimodal speaker detection; input/output dynamic Bayesian networks; human-computer interface; ambiguous sensory data; temporal fusion; multiple sensors; IODEBN; contextual information; DBN learning methods; error-feedback learning strategy; audio/visual speaker detection; interactive kiosk

Class Codes: C6180N (Natural language processing); C6170K (Knowledge engineering techniques); C5260A (Sensor fusion); C5260S (Speech processing techniques)

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8/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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06118373 INSPEC Abstract Number: C9601-7420-011

Title: Natural language front end to test systems

Author(s): Garbajosa, J.; Tejedor, O.; Wolff, M.

Author Affiliation: GMV S.A., Tres Cantos, Spain

Conference Title: Artificial Intelligence in Real Time Control 1994 p.

261-7

Editor(s): Crespo, A.  
Publisher: Pergamon, Oxford, UK  
Publication Date: 1995 Country of Publication: UK xii+390 pp.  
Conference Title: Proceedings of Symposium on Artificial Intelligence in Real Time Control

Conference Sponsor: IFAC; IFIP; IMACS  
Conference Date: 3-5 Oct. 1994 Conference Location: Valencia, Spain  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: Current verification tools for critical systems require the test engineers to be fully acquainted with several areas such as the physical systems for which the tests are being defined, and programming techniques, since engineering concepts are very far from computing. The implementation of front end tools enabled to accept tests described in natural language and graphics may help to reduce this distance. The research work described encompasses an approach that takes advantage of technologies such as artificial intelligence (AI), advanced object databases and graphics and in particular, natural language processing (NLP), in order to obtain a new generation of test definition tools that work as an automatic front end to the test procedure definition task. The domain chosen is satellite (S/T) check out activities-especially those comprising flight control activities. (18 Refs)

Subfile: C  
Descriptors: aerospace control; artificial satellites; automatic test software; human factors; interactive systems; knowledge based systems; natural language interfaces; object-oriented databases

Identifiers: natural language front end; test systems; verification tools; critical systems; test engineers; front end tools; man machine interface; object oriented representation; knowledge based representation; knowledge interchange; flight test procedures; advanced object databases; natural language processing; test definition tools; automatic front end; test procedure definition task; satellite check out activities; flight control activities

Class Codes: C7420 (Control engineering computing); C7460 (Aerospace engineering computing); C3360L (Aerospace control); C6180N (Natural language processing); C6170K (Knowledge engineering techniques); C6160J (Object-oriented databases); C7410H (Computerised instrumentation)

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8/5/3 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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06027325 INSPEC Abstract Number: B9510-6140C-125, C9510-5260B-047

Title: Human face recognition using neural networks

Author(s): Ahmad Fadzil, M.H.; Abu Bakar, H.  
Author Affiliation: Sch. of Electr. & Electron. Eng., Sains Malaysia Univ., Perak, Malaysia

Conference Title: Proceedings ICIP-94 (Cat. No.94CH35708) Part vol.3  
p.936-9 vol.3

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA  
Publication Date: 1994 Country of Publication: USA 3 vol.  
(lili+992+1064+1050) pp.

ISBN: 0 8186 6952 7

U.S. Copyright Clearance Center Code: 0 8186 6950 0/94/\$4.00

Conference Title: Proceedings of 1st International Conference on Image Processing

Conference Sponsor: IEEE Signal Process. Soc

Conference Date: 13-16 Nov. 1994 Conference Location: Austin, TX, USA

Language: English Document Type: Conference Paper (PA)  
Treatment: Theoretical (T); Experimental (X)  
Abstract: The paper describes the development of a **human** face recognition system (HFRS) using multilayer perceptron artificial neural networks (MLP). The MLP network is trained with a set of face images until it is in a "learned" state. The network is capable of classifying the face input into its class. In the case of the subject face is not one of those trained, the network will **register** it as unknown. The system, which takes the face image input from video camera, is also developed to detect the presence of an object in front of the camera and to search for the **human** facial area automatically. The detected facial area is then used as the inputs to the neural network to perform recognition. (14 Refs)

Subfile: B C

Descriptors: face recognition; image classification; image recognition; learning (**artificial intelligence**); multilayer perceptrons

Identifiers: neural networks; **human** face recognition system; multilayer perceptron artificial neural networks; MLP network; classification; face image; **human** facial area

Class Codes: B6140C (Optical information, image and video signal processing); C5260B (Computer vision and image processing techniques); C5290 (Neural computing techniques)

Copyright 1995, IEE

8/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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05011152 INSPEC Abstract Number: C91067375

Title: Artificial intelligence in the Core project

Author(s): Simonian, R.

Author Affiliation: Harris Space Syst. Corp., Rockledge, FL, USA

Conference Title: Southcon/90 Conference Record p.415-18

Publisher: Electr. Conventions Manage, Ventura, CA, USA

Publication Date: 1990 Country of Publication: USA xiv+497 pp.

Conference Sponsor: IEEE; ERA

Conference Date: 20-22 March 1990 Conference Location: Orlando, FL, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: The Core project for Kennedy Space Center consists of a complex network of integrated subsystems. Together, these subsystems will provide a powerful, long-term test and **check - out** facility for the Space Shuttle and the Space Station Freedom Program. Core presents many technological challenges for both hardware and software development. In this diverse, real-time environment, several tasks have been identified which typically require in-depth **human** -level expertise, and which could be augmented with **artificial intelligence**. This paper describes Harris' approach towards using AI in Core for fault detection, isolation, and recovery (FDIR), resource allocation, resource configuration, and CAD conversion. (3 Refs)

Subfile: C

Descriptors: aerospace computing; **artificial intelligence**; expert systems

Identifiers: fault recovery; Core project; Kennedy Space Center; network of integrated subsystems; **check - out** facility; Space Shuttle; Space Station Freedom Program; real-time environment; **human** -level expertise; **artificial intelligence**; fault detection; isolation; recovery; FDIR; resource allocation; resource configuration; CAD conversion

Class Codes: C1230 (Artificial intelligence); C6170 (Expert systems); C7460 (Aerospace engineering)

8/5/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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04619125 INSPEC Abstract Number: D90001374

Title: Expert systems gain expertise: at Publix, AI broadens knowledge base

Journal: Chain Store Age Executive vol.66, no.3 p.51-3, 57

Publication Date: March 1990 Country of Publication: USA

CODEN: COMLEF ISSN: 0193-1199

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Expert systems don't become expert overnight. Like humans, they require time and experience to form a knowledge base large and accurate enough to consistently solve problems. This is what Publix Super Markets, Lakeland, Fla., found when it began setting up an expert system to assist the help desk staff of its data processing department. The help desk employees—who answer telephone queries about data processing-related problems throughout the company—themselves needed help understanding the intricacies of a new point-of-sale system that was being tested in several Publix stores. (0 Refs)

Subfile: D

Descriptors: expert systems; retailing

Identifiers: knowledge base; Publix Super Markets; expert system; help desk employees

Class Codes: D2140 (Marketing, retailing and distribution)

8/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03797891 INSPEC Abstract Number: C87007564

Title: Automation in retail: effects on consumer and store personnel

Author(s): Hoffman, M.S.

Author Affiliation: NCR Corp., Cambridge, OH, USA

Conference Title: Human Factors in Organizational Design and Management - II. Proceedings of the Second Symposium p.169-73

Editor(s): Brown, O., Jr.; Hendrick, H.W.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1986 Country of Publication: Netherlands xx+696 pp.

ISBN: 0 444 70076 5

Conference Sponsor: Human Factors Soc.; Japan Ergonomics Res. Soc.; Human Factors Assoc. Canada; et al

Conference Date: 19-21 Aug. 1986 Conference Location: Vancouver, BC, Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Automation in retail business equipment has provided various management tools for measuring the company's performance. The introduction of computer based Point-Of-Sale terminal systems has created large data

bases of sales information; these have often been too voluminous for in-store personnel to use. Next-generation computer architecture will have the capability to control user interfaces to communicate valuable complex interrelationships using the daily sales productivity data. Advancements in artificial intelligence and microelectronics will provide many challenging opportunities for the human factors professional/ergonomics

specialist to explore the techniques for introducing this new equipment into the marketplace. (6 Refs)

Subfile: C

Descriptors: ergonomics; human factors; man-machine systems

Identifiers: automation; retail business equipment; management tools; computer based Point -Of- Sale terminal systems; user interfaces; artificial intelligence ; microelectronics; human factors; ergonomics

Class Codes: C7180 (Retailing and distribution)

8/5/7 (Item 1 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01756412 ORDER NO: AADAA-I9980834

Generating documents by means of computational registers

Author: Oldham, Joseph Dowell

Degree: Ph.D.

Year: 2000

Corporate Source/Institution: University of Kentucky (0102)

Director: Victor Marek

Source: VOLUME 61/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3696. 169 PAGES

Descriptors: COMPUTER SCIENCE ; ARTIFICIAL INTELLIGENCE

Descriptor Codes: 0984; 0800

ISBN: 0-599-86999-2

Software is often capable of efficiently storing and managing data on computers. However, even software systems that store and manage data efficiently often do an inadequate job of presenting data to users. A prototypical example is the display of raw data in the tabular results of SQL queries. Users may need a presentation that is sensitive to data values and sensitive to domain conventions. One way to enhance presentation is to generate documents that correctly convey the data to users, taking into account the needs of the user and the values in the data.

I have designed and implemented a Software approach to generating human -readable documents in a variety of domains. The software to generate a document is called a *computational register*, or "register" for short. A *register system* is a software package for authoring and managing individual registers. Registers generating documents in various domains may be managed by one *register system*. In this thesis I describe computational registers at an architectural level and discuss registers as implemented in DEXTER, my *register system*. Input to DEXTER registers is a set of SQL query results. DEXTER registers use a rule-based approach to create a document outline from the input. A *register* creates the output document by using flexible templates to express the document outline.

The *register* approach is unique in several ways. Content determination and structural planning are carried out sequentially rather than simultaneously. Content planning itself is broken down into data re-representation followed by content selection. No advanced linguistic knowledge is required to understand the approach. *Register* authoring follows a course very similar to writing a single document. The internal data representation and content planning steps approaches, to render the final document computational registers are applicable in a variety of domains. What registers can be written is restricted not by domain, but by the original data representation. Finally, DEXTER shows that a single software suite can assist in authoring and managing a variety of registers.

8/5/8 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01336384 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**AUTOMATIC HIGH-LEVEL SYNTHESIS BASED UPON ARTIFICIAL INTELLIGENCE  
TECHNIQUES**

Author: BEIKZADEH, MOHAMMAD REZA  
Degree: PH.D.  
Year: 1992  
Corporate Source/Institution: UNIVERSITY OF ESSEX (UNITED KINGDOM) (0873  
)  
Source: VOLUME 55/01-C OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 260.  
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL  
Descriptor Codes: 0544

High-level synthesis is based upon the task of transforming a behavioural description into a register transfer structure which implements a specified behaviour while meeting a number of design constraints, such as desired speed and available hardware. Usually there are many different structures within the design space that can realise a given behaviour and, in order to find an optimal structure, the design space must be searched and examined.

An integrated, domain-independent hierarchical system is presented in this thesis in order to carry out the High-Level Synthesis task automatically. In order to mimic a model of the human design behaviour, a number of artificial intelligence techniques are utilized to form this system. A blackboard architecture is used for the organisation of various knowledge sources in the system structure. Planning and meta-planning concepts are adopted for the realisation of the subtasks, which are the design process control and the generation of the internal representation.

The internal representation is based upon an abstract hardware structure model and the application of interval temporal logic. These models enable the system to both represent the entire design space and to define various constraints on it. The automatic generation of the optimal design is carried out by pruning the design space during the constraint imposition and the optimisation processes. This approach allows an optimal design to be found by logical reasoning rather than carrying out an exhaustive search of the design space.

In order to illustrate the system realisation, a number of rules of this rule-based Prolog system are presented in this thesis together with a discussion about the system performance via a number of examples.

8/5/9 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01218775 ORDER NO: AAD92-13519  
**AN AUTOMATED SYSTEM FOR THREE-DIMENSIONAL REGISTRATION OF MEDICAL IMAGES**

Author: NEIW, HAN-MIN  
Degree: PH.D.  
Year: 1991  
Corporate Source/Institution: NORTHWESTERN UNIVERSITY (0163)  
Adviser: WEI-CHUNG LIN  
Source: VOLUME 52/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 6507. 163 PAGES  
Descriptors: COMPUTER SCIENCE; ARTIFICIAL INTELLIGENCE ; HEALTH  
SCIENCES, RADIOLOGY

Descriptor Codes: 0984; 0800; 0574

In this dissertation, we develop an automated three-dimensional (3-D) medical image registration system. Registration is an image analysis technique that integrates anatomical and/or functional information from images acquired by different modalities or at different times for the improvement of medical diagnosis and treatment.

Our proposed system is a surface fitting based system with accuracy on the order of the image pixel sizes. The surface fitting technique extracts the external surface contours of two or more sets of images, and employs an optimization scheme to fit the contour sets together. The proposed automated system contains three main subsystems for automated contour extraction, surface model matching, and reformatting correlated images, respectively. Our system has eliminated the heavy human expert involvement previously required in all of the image registration systems. In the contour extraction phase, algorithms equipped with domain-specific knowledge are able to extract the external surface contours of various brain images without any assistance from human. In the surface model matching phase, our system has the ability to circumvent the local minimum problem encountered quite frequently in many optimization problems. Moreover, we have added a final matching step to fine-tune the results from an initial matching step. The error measurement in the final matching phase is the most accurate measurement available and it is therefore more effective in guiding the optimization process. In our system, there is no need for special clinical procedure and external devices during image acquisition, as such images obtained from routine clinical practice can be used directly for registration. Our system also has the ability to handle non-completely overlapping scans, as such images with different scanning orientations (axial, sagittal, or coronal) can be registered in a homogeneous manner without special human assistance.

Our system has been successfully applied to register images acquired from X-ray computed tomography (CT), magnetic resonance imaging (MRI), and positron emission tomography (PET). This system is expected to facilitate the process of employing accurately correlated medical images for medical treatment and diagnosis.

8/5/10 (Item 4 from file: 35)  
DIALOG(R) File 35:Dissertation Abs Online  
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01145507 ORDER NO: AAD91-07215  
**AUTOMATIC FEATURE EXTRACTION FOR MAP REVISION (FEATURE EXTRACTION)**

Author: MURAKAMI, HIROSHI

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)

Director: ROY A. WELCH

Source: VOLUME 51/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3489. 257 PAGES

Descriptors: GEOGRAPHY, SOCIAL; COMPUTER SCIENCE; ARTIFICIAL  
INTELLIGENCE

Descriptor Codes: 0366; 0984; 0800

Automatic feature extraction techniques were developed for use with digital images and map data to assess the feasibility of employing expert systems for map revision. Three urban test areas were selected and SPOT images, aerial photographs, map separates, and printed map sheets acquired. The aerial photographs and map separates was digitized in faster format with a video camera and a linear array scanner, whereas the printed map was manually digitized to create computer files in vector format. All the

digital images were then rectified to the UTM coordinate system using a computer-based polynomial rectification algorithm. The resulting map and image files were placed in register to create a cartographic database suitable for use with a prototype expert system optimized for the extraction of building features.

Input images were segmented with the region growing method using optimum threshold values derived from map data. Twenty descriptors of shape, size, and tone such as area and elongatedness were calculated for each of the segmented regions. A rule-based expert system was developed to classify the segmented regions using these descriptors. The expert system was also designed to direct the image processing routines with specific instructions ("how to analyze") applied to focused areas ("where to look") in the iteration process.

The map data were useful for determining initial parameter values for image processing and for change detection of existing features. An expert system approach permitted control of the iterations required for feature extraction and the refinement of threshold values.

The accuracy of feature extraction increased as the image pixel resolution was improved. In order to realize feature extraction results comparable to those achieved by human interpreters, digital images must be resampled to pixel resolutions of one-half to one-fourth the original pixel dimension. Thus, data volume may need to be expanded by 4 to 16 times to accommodate automatic feature extraction techniques for map revision.

8/5/11 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05182341  
Foiling the forgers  
UK - CREDIT CARD TRANSACTION VALIDATION PROFILED  
Financial Times (C) 1992 (FT) 9 July 1992 p16

Retailers and banks have adopted varying methods of validating credit card transactions in different parts of the world. All, however, address the universal problem of growing credit card fraud. Losses from card fraud have risen alarmingly over the past two years. Visa International measured fraud and counterfeit losses on its credit cards last year at Dollars 623.4m, up 52 per cent from 1990. In the UK, the Home Office estimates card fraud cost Pounds 165m last year, up from Pounds 150.3m in 1990. Technology is widely seen as the chief weapon in the fight against card cheats, but applications must take account of regional differences. Automated signature verification holds greater promise in markets where credit card signatures are routinely checked, whereas in the US, the process would have to be disguised to make it acceptable to cardholders, who see this type of authorisation as an insult to their integrity. AEA Technology, a unit of the former Atomic Energy Authority, has developed a signature verification system based upon a 'neural network' - an array of computing elements that mimics the thought processes of the human mind. Rather than simply analysing elements of the signature, like a conventional computer system, the 'Harwell Countermatch' also views the signature as a whole in the way as a person might get an overall impression of its appearance. The signature is mapped against a sample which can be recorded on the magnetic strip or semiconductor memory in a credit card. The AEA system overcomes one of the drawbacks of automatic signature verification by learning as it goes and picking up on the natural variations in a signature. So the accuracy of the system improves. Barclaycard, the largest issuer of credit cards in the UK, is testing signature verification, voice recognition and fingerprint matching. All are seen as long-term ways to avoid credit card fraud at the point of sale. Nobody in the credit card industry sees signature verification as

the sole solution to credit card fraud and there is a broad consensus that the focus of prevention must move away from the point of sale toward authorisation networks. The UK's high telecommunications costs are therefore a serious drawback, inhibiting merchants and bankers from accessing remote data processing centers.\*\*

Copyright: Financial Times Ltd 1992

COMPANY: AEA TECHNOLOGY

PRODUCT: Data Processing in Retail Sector (7374RT); Computer Services (COSV); Electronic Banking Services (6005); Computer & Data Security Software (7372CD); Computer Software (COSW); Artificial Intelligence Software (7372AI);

EVENT: MARKET & INDUSTRY NEWS (60); PRODUCT DESIGN & DEVELOPMENT (33);

COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

?

Set	Items	Description
S1	152057	EXPERT()SYTEM? ? OR AI OR ARTIFICIAL()INTELLIGEN?
S2	1863026	POS OR POINT(1W)SALE OR REGISTER OR KIOSK? OR CHECKOUT? OR CHECK()OUT?
S3	6241222	HUMAN?
S4	12250830	VERBAL? OR SPEAK? OR TALK? OR SPEECH? OR VOICE? ?
S5	1081005	S4 (7N) (CONSUMER? OR USER? OR BUYER? OR PARTICIPANT? OR CUS- TOMER? OR CLIENT? OR SHOPPER? OR MEMBER? ? OR INDIVIDUAL? OR - PERSON?)
S6	9146	S1(S)S4
S7	56	S6(S)S2
S8	25	S7 NOT PY>2000
S9	19	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2005/Nov 15 (c) 2005 The Gale Group
File	15:ABI/Inform(R)	1971-2005/Nov 16 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Nov 16 (c) 2005 The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2005/Nov 16 (c) 2005 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2005/Nov 15 (c) 2005 The Gale Group
File	621:Gale Group New Prod.Annou.(R)	1985-2005/Nov 16 (c) 2005 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2005/Nov 16 (c) 2005 The Gale Group
File	20:Dialog Global Reporter	1997-2005/Nov 16 (c) 2005 Dialog
File	476:Financial Times Fulltext	1982-2005/Nov 17 (c) 2005 Financial Times Ltd
File	610:Business Wire	1999-2005/Nov 16 (c) 2005 Business Wire.
File	613:PR Newswire	1999-2005/Nov 16 (c) 2005 PR Newswire Association Inc
File	624:McGraw-Hill Publications	1985-2005/Nov 16 (c) 2005 McGraw-Hill Co. Inc
File	634:San Jose Mercury	Jun 1985-2005/Nov 15 (c) 2005 San Jose Mercury News
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc

9/3,K/1 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01477648 01-28636  
**Health care information systems**  
Raghupathi, W  
Communications of the ACM v40n8 PP: 80-82 Aug 1997  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 1032

...TEXT: Practitioners and researchers in this multidisciplinary field are examining a range of potential applications, from AI to total quality management principles to health care. These include electronic systems for claims processing...

...scan documents as part of the move toward a paperless environment; multimedia technology incorporating data, voices, and images for educational/training of physicians, patients, and remote diagnostics; speech recognition in transcription; robots in surgery; and kiosks for presenting health information to consumers and employees. In addition, hospital information systems are also...

9/3,K/2 (Item 2 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00901799 95-51191  
**The race ahead**  
Raines, Franklin D  
Mortgage Banking v54n11 PP: 38-46 Aug 1994  
ISSN: 0730-0212 JRNL CODE: MOB  
WORD COUNT: 3345

...TEXT: the time and expense associated with originations. For example, technological innovations such as laptops with voice recognition, palmtops and artificial intelligence will give lenders the point-of-sale tools needed to originate loans, providing superior service to that available today. Artificial intelligence-based underwriting systems will help facilitate and speed underwriting decisions.

Industry networks using electronic data...

9/3,K/3 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06924463 Supplier Number: 58450887 (USE FORMAT 7 FOR FULLTEXT)  
Raising the 'steaks' in the millennium: Better technology is a virtual reality. (Statistical Data Included)  
Liddle, Alan  
Nation's Restaurant News, v33, n51, p63  
Dec 20, 1999  
Language: English Record Type: Fulltext  
Article Type: Statistical Data Included  
Document Type: Magazine/Journal; Trade  
Word Count: 1881

... nutrient needs of each patron, taking into account allergies and seasoning preferences, among other things.

\* Voice -recognition technology and artificial intelligence will make person-to-person order taking and point -of- sale systems seem "primitive." However, "remote order workers may converse in realtime (with guests) about new..."

9/3,K/4 (Item 2 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04645420 Supplier Number: 46834332  
A world of cool companies.  
Fortune, p162  
Oct 28, 1996  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...viewing the untapped Chinese market, is moving ahead with a pager that can receive short voice messages in Chinese and hold them for longer than the standard 20-second duration. Knowledge Engineering of Singapore is focused on supplying artificial intelligence for managing factory production and transportation. Varitronix of Hong Kong has thrived by providing custom...

...them. Adroit International of Singapore has made a business out of custom-designed interactive street kiosks that have both sound and video. Plustek of Taiwan is a leading-edge manufacturer of...

9/3,K/5 (Item 3 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

01152828 Supplier Number: 41309797  
Digital Phone Geared for Small Offices  
Office Equipment & Products, p22  
May, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...16 extensions and 6 office lines. Some of the functions included on the phone include speech recognition dial, automatic answering, last number redial and artificial intelligence dial register function. ...

9/3,K/6 (Item 1 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

09234185 SUPPLIER NUMBER: 19064924 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
THE DIGERATI - CONVERSATIONS WITH THE "CYBER ELITE".  
Computergram International, n3088, pCGN01290020  
Jan 29, 1997  
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 984 LINE COUNT: 00078

... Gelernter, 'The Conservative,' a Yale University computer scientist specialising in the field of third generation **artificial intelligence** and author of the parallel programming language Linda. "I have a feeling that Bill Gates..."

9/3,K/7 (Item 2 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06735795 SUPPLIER NUMBER: 14513289 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Read this, Al Gore. (Tulare County social services automates) (included related article on how Tulare County developed its human services automation system) (Forbes ASAP: A Technology Supplement)

Freedman, David H.

Forbes, v152, n10, pS151(4)  
Oct 25, 1993

ISSN: 0015-6914 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2263 LINE COUNT: 00173

... room could pass for an adult video arcade or a state-of-the-art information kiosk at a theme park. Casually and colorfully dressed people are parked alone or in pairs...

...says cowboy-booted deputy county executive Gerard Kersten, uncharacteristically lapsing into a bit of bureaucrat-speak. "And this is it."

Welfare is not the only thing that's gone high-tech...through the process in English or Spanish, the applicant touches the screen to respond. An **artificial intelligence** program monitors the responses to determine which questions to skip (for example, men won't...)

9/3,K/8 (Item 3 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04541506 SUPPLIER NUMBER: 08243584 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A battle of boards. (comparison of graphics boards)**  
Robinson, Phillip  
Computer Graphics World, v13, n3, p97(3)  
March, 1990  
ISSN: 0271-4159 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2085 LINE COUNT: 00162

... performance advantage of offering direct register access to programs.

TIGA supporters, however, jump on such talk about maintaining **AI** compatibility as whistling past the graveyard because it ignores the performance hit that falling back to **AI** compatibility would entail. As HP's Joe DeWeese puts it, "8514 performance is questionable, unless one resorts to writing applications to the **register** level."

That fact, says TIGA supporters, puts software vendors in a tough position. According to...

9/3,K/9 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01358808      SUPPLIER NUMBER: 08263194      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
TIGA and 8414/A vie for dominance in PC graphics. (programmable processors  
and standard software interface)

Bond, John  
Computer Design, v29, n5, p55(5)

March 1, 1990

ISSN: 0010-4566      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3134      LINE COUNT: 00246

... But TI's Huckabee feels that it has caused some confusion. "When companies developing clones talk about compatibility they mean AI compatibility, but when they discuss performance they mean hardware register performance," says Huckabee. "But not many software packages run through the hardware registers today. So...

9/3,K/10      (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01174450      SUPPLIER NUMBER: 04315045  
Artificial intelligence conference tries new format.  
Williamson, Mickey  
PC Week, v3, n30, p95(2)  
July 29, 1986

ISSN: 0740-1604      LANGUAGE: ENGLISH      RECORD TYPE: ABSTRACT

ABSTRACT: The Fifth National Conference of the American Association for Artificial Intelligence (AAAI) will be held in mid-August 1986 in Philadelphia, Pennsylvania, with support from business...

...and the last two days will emphasize expert-system and natural-language applications. Plenary sessions, speeches and awards, and the opinions of experts on artificial - intelligence topics will be covered on the day in between. Conference organizers believe that because the...

...this year rather than in Los Angeles as in 1985, a number of attendees will register at the door for only those parts of the proceedings of direct interest to them...

9/3,K/11      (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03856507      Supplier Number: 48394257      (USE FORMAT 7 FOR FULLTEXT)  
Labeling: EU, FDA part ways on label harmonization-HLI may add to criteria  
patchwork (Part 1 of 2)

Medical Device Approval Letter, pN/A

April 1, 1998

Language: English      Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 5355

... product review process. The company and reviewer were not named. Burlington admitted that HIMA has voiced serious concerns about the new labeling guidance, and because of this, we're spending a...

...symbols to help unsnarl the patchwork of labeling requirements around the world. But Tandy said: AI 've gotten conflicting views on whether FDA

will accept it or not. @ She said that...

...as is. MRA FR notice scheduled and will be signed on May 18. The Federal Register notice outlining the EU-U.S. mutual recognition agreement (MRA) will be published on April 10 or 11, a HIMA representative said in an April 3 interview. AI can say this with much confidence. A high-ranking FDA official has told me that the MRA Federal Register announcement will be on those dates. @ Donna Slingluff, of the Association's international relations...

...been publically discussed already, for example, third party reviews. @ FDA will issue another MRA Federal Register announcement on May 20, which, Slingluff said, will include: The Center's criteria for EU...

...of eligible Class II devices for third party review. However, Spyker said in the interview: AI think that it would be highly unlikely that we would not accept any widely-used...

...exclamation point is generally accepted as a symbol for warnings, and is not accompanied with verbal explanations. ATThe use of a symbol without text is fine if that symbol is widely...

...Advancement of Medical Instrumentation (AAMI) standards conference in McLean, VA, March 5. There also is talk that medical devices could be exempt from the entire metric vs. non-metric unit problem...

9/3,K/12 (Item 2 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03460357 Supplier Number: 47130779 (USE FORMAT 7 FOR FULLTEXT)  
WRAP UPS: The Institute for International Research  
Corporate Financing Week, v23, n6, pN/A  
Feb 17, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Professional Trade  
Word Count: 95

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...conference in New York City at the Marriott East Side Hotel March 24-26. Featured speakers include AI Huston, project finance director at AT&T Corp., and Stephanie Cuskley, managing director in Chase...

...well as the latest information on legal and regulatory issues for international telecom projects. To register for the conference, call (800) 999-3123.

9/3,K/13 (Item 1 from file: 20)  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

23166299  
Beyond the Banner Ad  
Leslie Walker  
NEWSBYTES  
August 31, 2000  
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1333

... One company working on a one-to-many approach is Alexandria-based YellowBrix, which uses artificial intelligence to analyze words and phrases in articles and pages surrounding each ad hole. It infers...

... unusual are the "banner bots" from Artificial Life Inc. The Boston firm this month released artificial - intelligence software allowing companies to create animated robots inside banner ads. "Companies can have branded characters like Mickey Mouse that you can talk to," says chief executive Eberhard Schoneburg. The cartoonish characters are programmed to give elaborate responses...

9/3,K/14 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

10190881  
**Camden Technology Conference 2000 To Host Discussion of Technology's Impact on Being Human**  
PR NEWSWIRE  
March 22, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 300

... 27-29, 2000 Where: Camden Opera House; Camden, Maine How: Call (207) 230-2425 to register . The registration rate for the three-day conference is \$995 with an early bird rate...

9/3,K/15 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

04486236 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Rob Grimes of CynterCorp to Deliver Keynote Address At the Store Automation Show in Japan**  
PR NEWSWIRE  
March 01, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 345

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... emerging global retail applications including self-checkout, document management, smart cards, ERP, voice recognition, biometrics, artificial intelligence , plannogramming and electronic shelf labeling. Grimes also recently served as a moderator for a two...

9/3,K/16 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

01990028  
**Adacel Technologies Limited**  
ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (SHARES) , p12  
February 01, 1998  
JOURNAL CODE: WSHA LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 102

Abstracted from: Shares

Adacel Technologies (AI), a leading Australian specialist in software engineering and multimedia systems, is raising \$A7.5 million through the offer of 7.5 million shares at \$A1 each. AI supplies customers in the transport, defence, telecommunications, corporate and government sectors. AI is involved in the Jindalee Over the Horizon Radar Network, the Telstra electronic white pages...

... CD RON-based white pages, 3D animations for medical and drug awareness applications, an interactive voice recognition demonstrator and the prototype of the "banking kiosk". Net profit after tax for 1997-98 is forecast at \$A0.083 a share but...

9/3,K/17 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 Dialog. All rts. reserv.

01556004 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Indy Mac Starts Direct Lending with Gallagher Financial Systems**  
BUSINESS WIRE  
May 06, 1998 7:17  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 813

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... particular niches in the market place. Part of the success of Gallagher Millennium is our AI engine, which gives clients the flexibility to structure their lending system any way they want...

... LoanWorks direct retail lending operation, Indy Mac is configuring the GFS system for installing video kiosks in new tract home developments using Intel's ProShare software. Prospective homebuyers can look at a model home, sit down at the video terminal and talk directly with an underwriter. Applications and financial information can be exchanged over a phone line...

...among various loan products, resulting in an immediate decision from the underwriter. LoanWorks uses the AI engine to control all of its pricing data. AI creates profiles on which the lender bases its pricing. It displays loans with a particular...

9/3,K/18 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0012745  
**AI Projects at NASA Encompass Processing for Shuttle, Station**  
Edward H. Kolcum  
Aviation Week & Space Technology, Vol. 124, No. 12, Pg 86  
March 24, 1986  
JOURNAL CODE: AW  
ISSN: 0005-2175  
WORD COUNT: 1,666

TEXT:

... add to them and come up with some kind of computer that could very easily check out these black boxes," John R. Jamieson, LES project manager, said. "That gets it off-line...

... with in the quiet environment of the laboratory with nobody upset because we're not talking about controlling launch hardware. We used that freedom to go off and explore some new...

...out a black box or the entire shuttle. Kate is the first attempt to use AI to control hardware. In LES we just monitor."

NASA intends to use as much AI...

9/3,K/19 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0980355 PGF009  
**CARNEGIE MELLON PROFESSOR INTRODUCES PELUSI SALONS TO CYBERSPACE CONSUMER MARKETING**

DATE: August 2, 1996 16:31 EDT WORD COUNT: 144

...formula

for oily or dry hair. Unlike most Web sites, Flor's program has special artificial intelligence built in. Philip Pelusi also will talk about his plans for placing computer kiosks in all his 10 locations, including nine salons.

WHEN: 11:30 a.m., Wednesday, Aug...